

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010883.D
 Acq On : 15 Jul 2019 14:41
 Operator : JC/SP
 Sample : VX0715WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS02

Quant Time: Jul 16 01:58:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	397499	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	363478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184807	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	110723	44.07	ug/l	0.00
Spiked Amount			Recovery	=	88.14%	
35) Dibromofluoromethane	5.49	113	102176	42.01	ug/l	0.00
Spiked Amount			Recovery	=	84.02%	
50) Toluene-d8	8.71	98	372110	39.99	ug/l	0.00
Spiked Amount			Recovery	=	79.98%	
62) 4-Bromofluorobenzene	11.13	95	141043	41.99	ug/l	0.00
Spiked Amount			Recovery	=	83.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	33954	18.225	ug/l	100
3) Chloromethane	1.33	50	35571	16.396	ug/l	99
4) Vinyl Chloride	1.41	62	38951	16.392	ug/l	98
5) Bromomethane	1.64	94	21152	18.272	ug/l	99
6) Chloroethane	1.72	64	36411	25.972	ug/l	95
7) Trichlorofluoromethane	1.93	101	69583	18.473	ug/l	96
8) Diethyl Ether	2.19	74	23656	17.512	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40072	17.555	ug/l	98
10) Methyl Iodide	2.51	142	45108	13.846	ug/l	96
11) Tert butyl alcohol	3.04	59	49030	74.575	ug/l	97
12) 1,1-Dichloroethene	2.37	96	39176	16.866	ug/l	98
13) Acrolein	2.29	56	41635	95.462	ug/l	99
14) Allyl chloride	2.73	41	56955	17.271	ug/l	96
15) Acrylonitrile	3.14	53	113885	87.489	ug/l	99
16) Acetone	2.44	43	103128	81.898	ug/l	94
17) Carbon Disulfide	2.57	76	90998	14.602	ug/l	100
18) Methyl Acetate	2.78	43	45873	18.278	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	130758	17.894	ug/l	100
20) Methylene Chloride	2.85	84	44470	17.160	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	41502	16.613	ug/l	96
22) Diisopropyl ether	3.85	45	124910	18.117	ug/l	97
23) Vinyl Acetate	3.81	43	538506	90.409	ug/l	98
24) 1,1-Dichloroethane	3.70	63	69719	17.494	ug/l	98
25) 2-Butanone	4.67	43	159410	86.301	ug/l	99
26) 2,2-Dichloropropane	4.58	77	57193	16.520	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	49208	17.045	ug/l	97
28) Bromochloromethane	5.01	49	32673	17.147	ug/l	94
29) Tetrahydrofuran	5.13	42	98876	86.420	ug/l	99
30) Chloroform	5.21	83	76980	17.952	ug/l	99
31) Cyclohexane	5.58	56	61415	16.922	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	64702	17.088	ug/l	97
36) 1,1-Dichloropropene	5.81	75	53397	16.904	ug/l	99
37) Ethyl Acetate	4.84	43	58256	17.927	ug/l	98
38) Carbon Tetrachloride	5.79	117	56274	16.452	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67543	16.267	ug/l	98
40) Benzene	6.14	78	169505	17.224	ug/l	99
41) Methacrylonitrile	5.04	41	32380	18.160	ug/l	96
42) 1,2-Dichloroethane	6.19	62	57917	19.334	ug/l	98
43) Isopropyl Acetate	6.45	43	93408	17.374	ug/l	98
44) Trichloroethene	7.21	130	49608	16.847	ug/l	95
45) 1,2-Dichloropropane	7.51	63	43737	17.599	ug/l	98
46) Dibromomethane	7.66	93	31834	17.854	ug/l	93
47) Bromodichloromethane	7.90	83	55677	17.039	ug/l	98
48) Methyl methacrylate	7.77	41	44625	17.857	ug/l	97
49) 1,4-Dioxane	7.74	88	24755	343.865	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	312273	90.816	ug/l	97
52) Toluene	8.78	92	111580	17.217	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	57913	15.808	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	65916	16.557	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	46612	17.440	ug/l	97
56) Ethyl methacrylate	9.18	69	69776	17.233	ug/l	95
57) 1,3-Dichloropropane	9.37	76	73331	17.675	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	156610	81.444	ug/l	100
59) 2-Hexanone	9.49	43	246901	91.234	ug/l	97
60) Dibromochloromethane	9.58	129	47954	16.024	ug/l	100
61) 1,2-Dibromoethane	9.67	107	50265	17.423	ug/l	99
64) Tetrachloroethene	9.34	164	47109	16.024	ug/l	97
65) Chlorobenzene	10.14	112	125117	16.955	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	44458	16.540	ug/l	99
67) Ethyl Benzene	10.25	91	214082	17.184	ug/l	99
68) m/p-Xylenes	10.36	106	164883	34.158	ug/l	99
69) o-Xylene	10.69	106	80512	16.961	ug/l	98
70) Styrene	10.71	104	137295	17.246	ug/l	99
71) Bromoform	10.85	173	35132	15.030	ug/l #	100
73) Isopropylbenzene	11.02	105	218142	17.413	ug/l	98
74) N-amyl acetate	10.90	43	84986	17.950	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	72935	17.580	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	76020	22.573	ug/l	81
77) Bromobenzene	11.26	156	58952	16.853	ug/l	98
78) n-propylbenzene	11.36	91	242473	17.611	ug/l	99
79) 2-Chlorotoluene	11.42	91	142889	17.428	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	182182	17.640	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	19671	13.627	ug/l #	84
82) 4-Chlorotoluene	11.51	91	166040	17.798	ug/l	98
83) tert-Butylbenzene	11.77	119	179665	17.333	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	183010	17.638	ug/l	98
85) sec-Butylbenzene	11.94	105	211792	17.402	ug/l	99
86) p-Isopropyltoluene	12.06	119	193160	17.158	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	103991	17.031	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	102496	16.488	ug/l	98
89) n-Butylbenzene	12.38	91	163518	17.094	ug/l	99
90) Hexachloroethane	12.59	117	28566	14.675	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	102518	16.893	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14916	16.675	ug/l	86

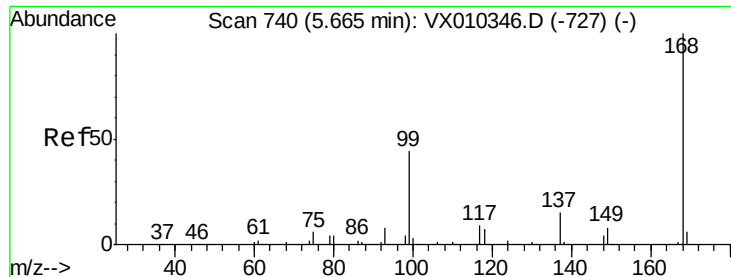
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071519\
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	70563	16.767	ug/l	98
94) Hexachlorobutadiene	13.78	225	35252	17.139	ug/l	97
95) Naphthalene	13.83	128	214645	16.597	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	70568	16.865	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampled :

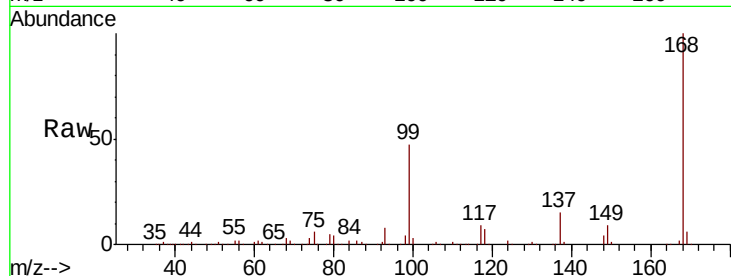
VX0715WBS02

Tot Ion:168 Resp: 267981

Ion Ratio Lower Upper

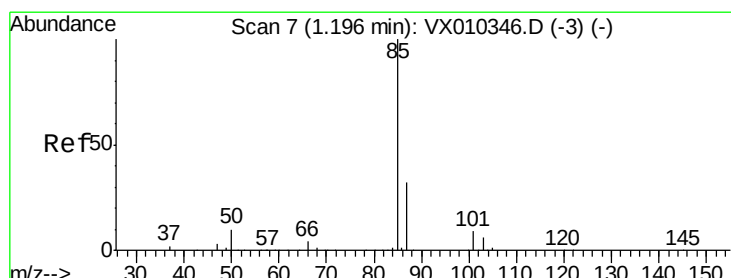
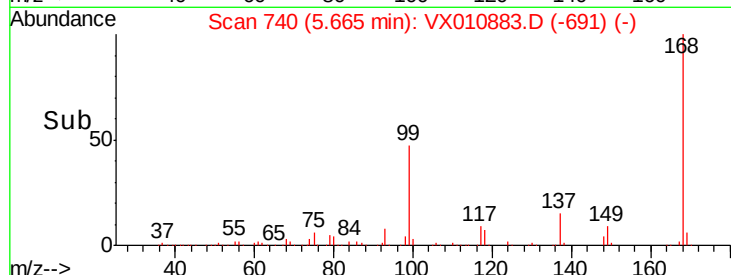
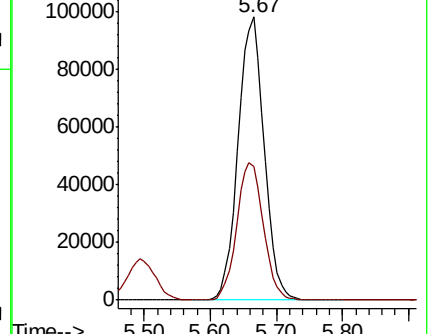
168 100

99 47.3 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.225 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010883.D

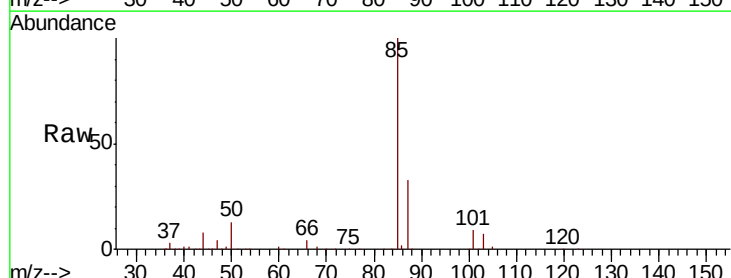
Acq: 15 Jul 2019 14:41

Tgt Ion: 85 Resp: 33954

Ion Ratio Lower Upper

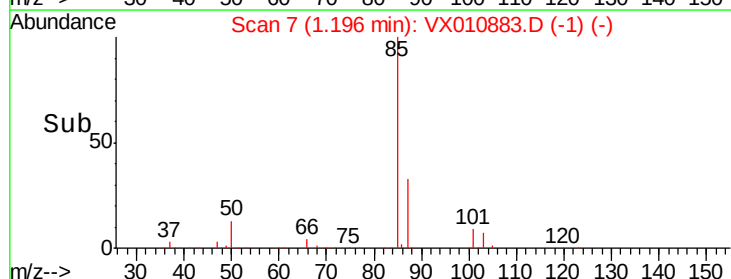
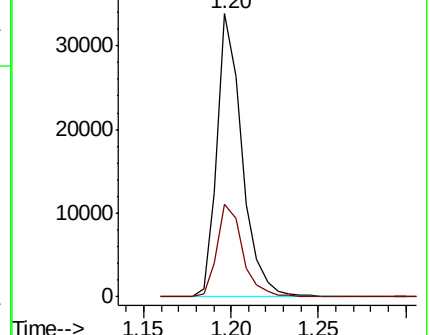
85 100

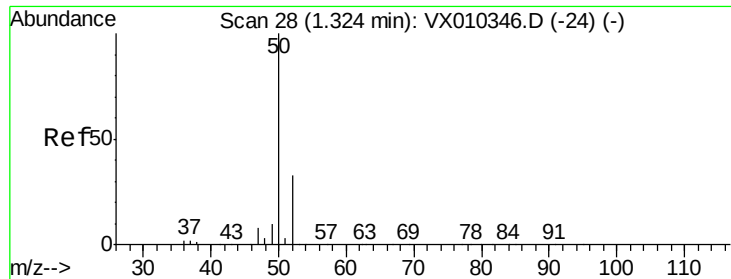
87 32.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

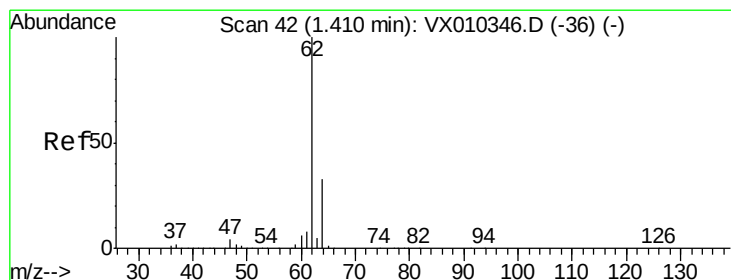
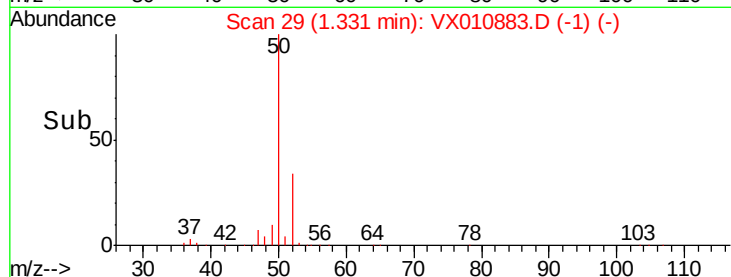
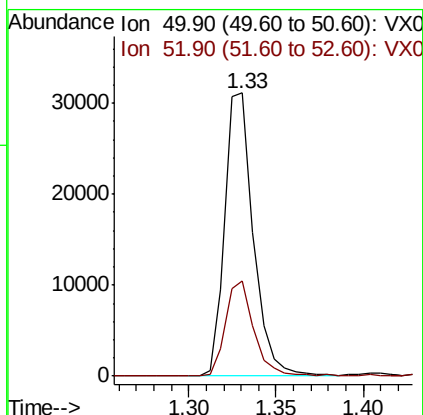
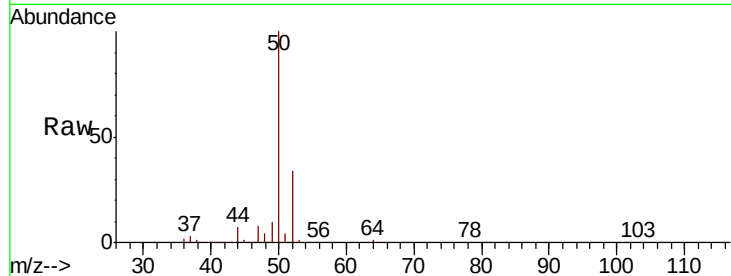




#3
Chloromethane
Concen: 16.396 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

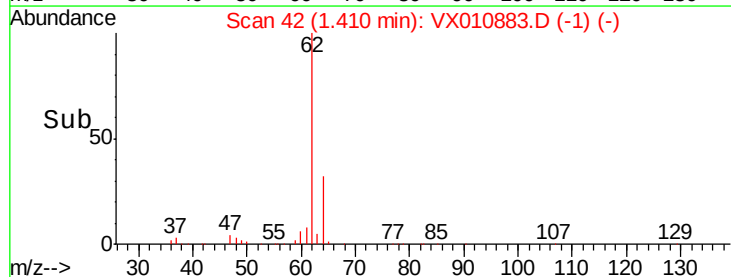
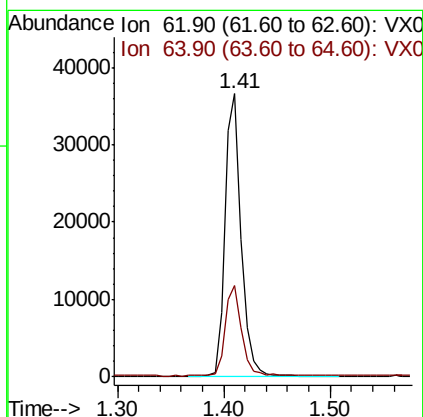
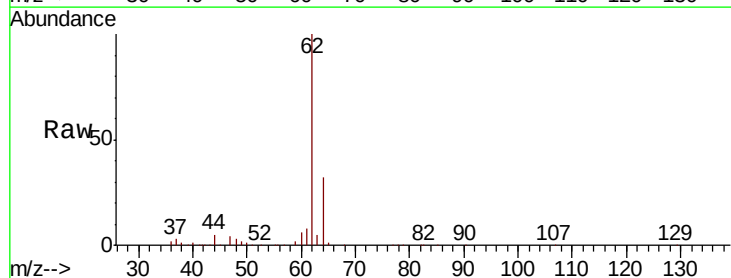
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS02

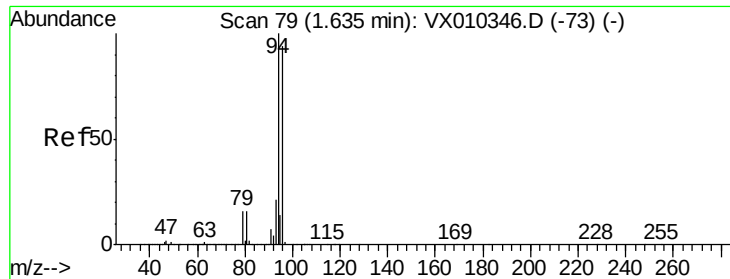
Tot Ion: 50 Resp: 35571
Ion Ratio Lower Upper
50 100
52 33.6 26.5 39.7



#4
Vinyl Chloride
Concen: 16.392 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

Tgt Ion: 62 Resp: 38951
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.4





#5

Bromomethane

Concen: 18.272 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

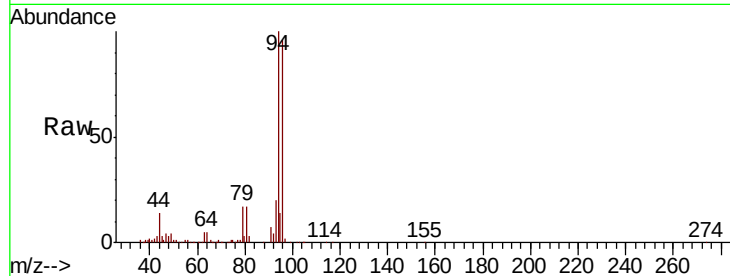
VX0715WBS02

Tot Ion: 94 Resp: 21152

Ion Ratio Lower Upper

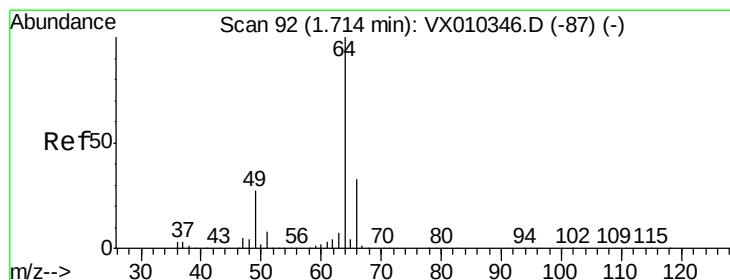
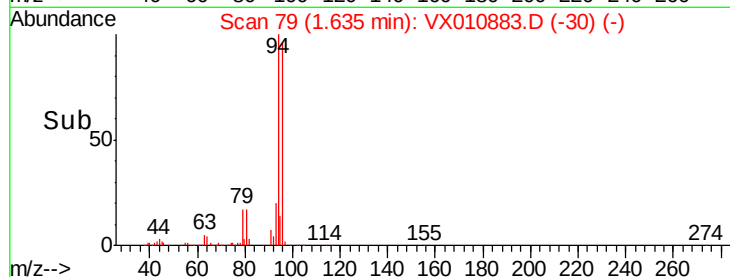
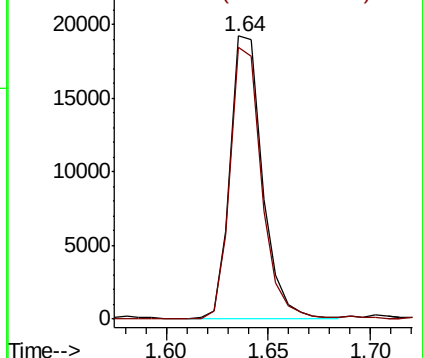
94 100

96 95.5 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 25.972 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010883.D

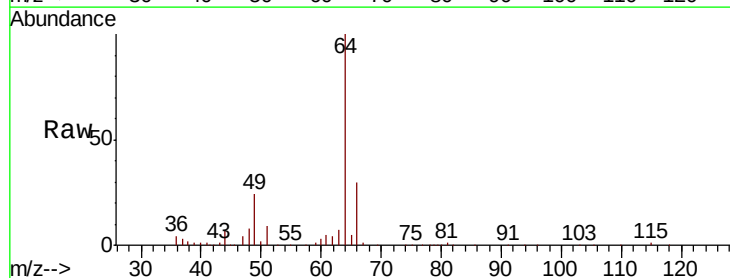
Acq: 15 Jul 2019 14:41

Tgt Ion: 64 Resp: 36411

Ion Ratio Lower Upper

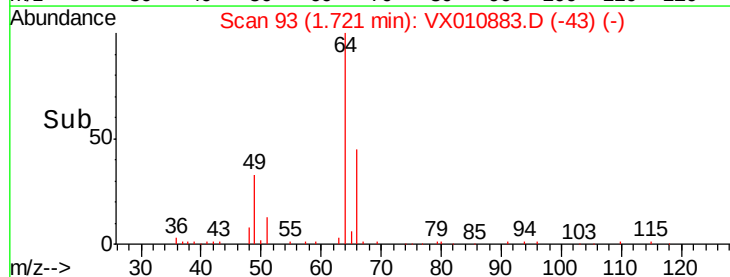
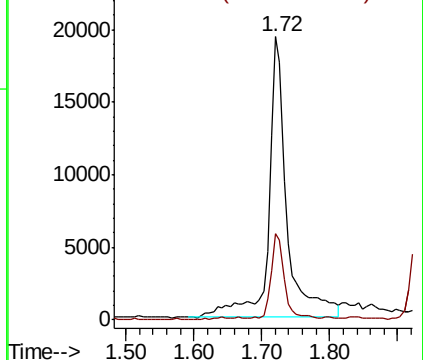
64 100

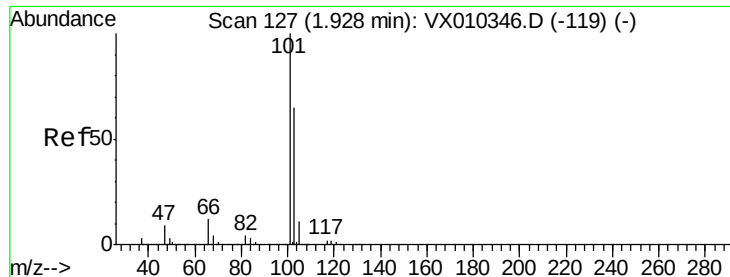
66 30.7 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



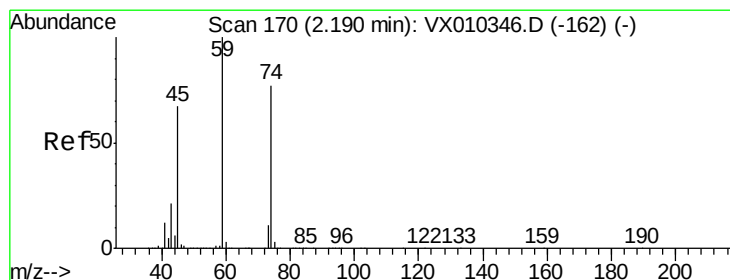
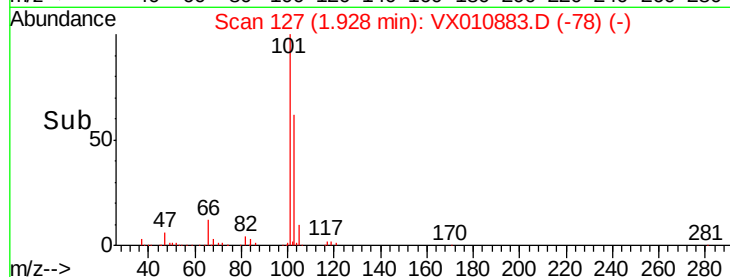
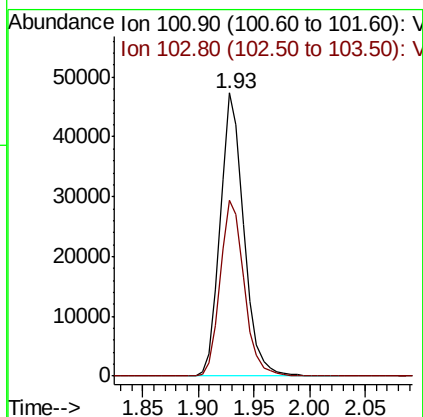
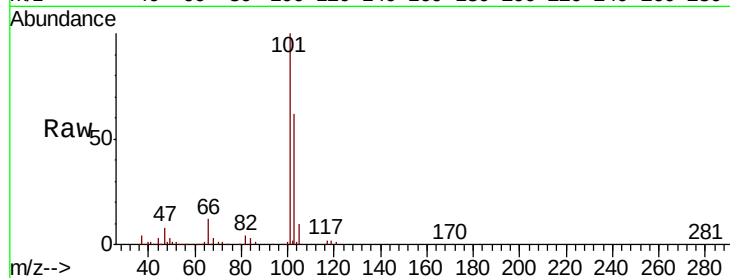


#7

Trichlorofluoromethane
Concen: 18.473 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS02

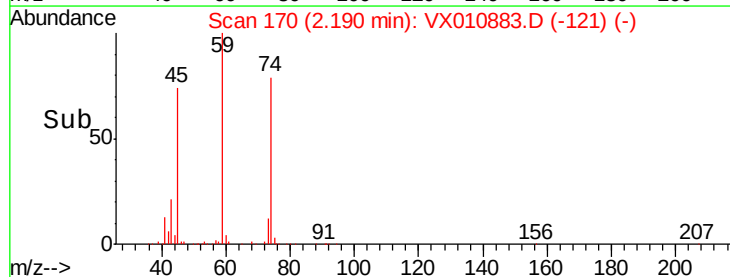
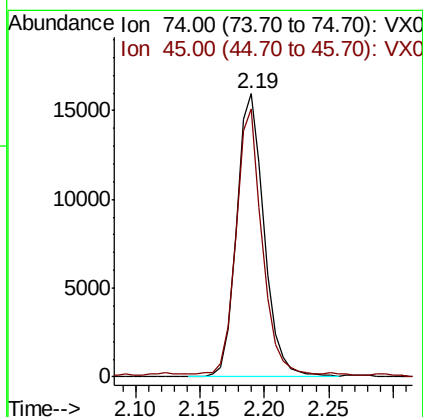
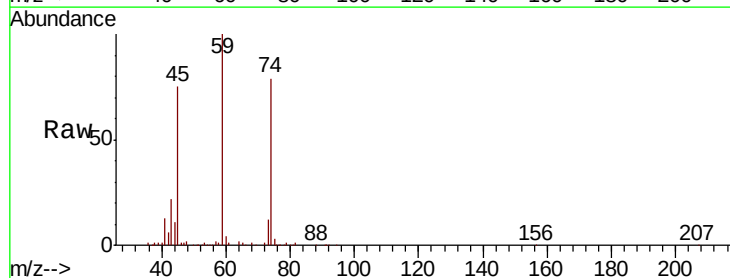
Tot Ion:101 Resp: 69583
Ion Ratio Lower Upper
101 100
103 62.3 52.3 78.5

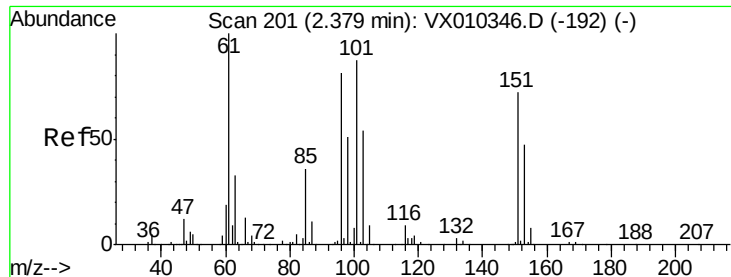


#8

Diethyl Ether
Concen: 17.512 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

Tgt Ion: 74 Resp: 23656
Ion Ratio Lower Upper
74 100
45 90.3 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.555 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS02

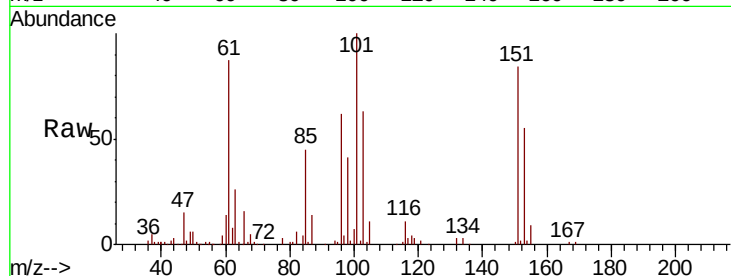
Tot Ion:101 Resp: 40072

Ion Ratio Lower Upper

101 100

85 43.2 33.7 50.5

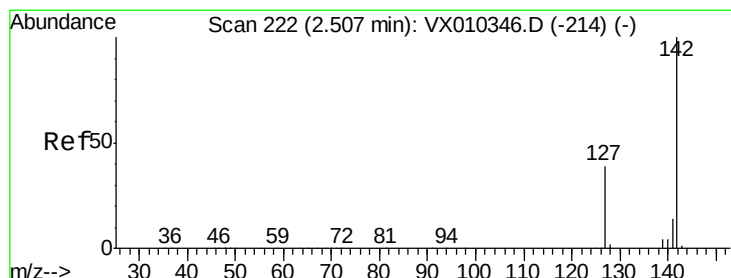
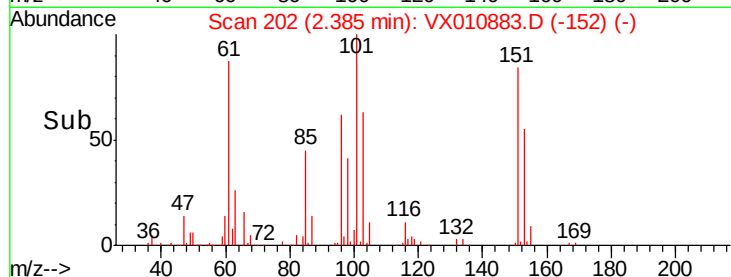
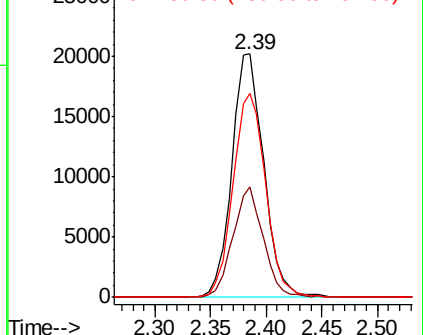
151 85.7 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.846 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

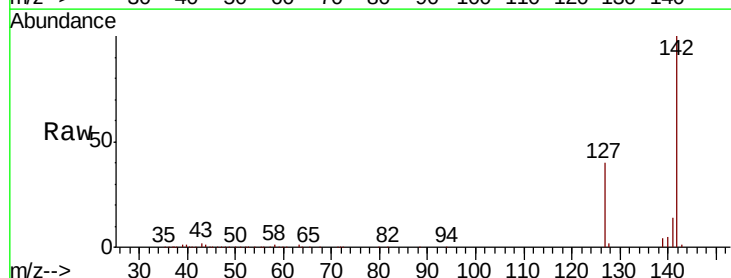
Tgt Ion:142 Resp: 45108

Ion Ratio Lower Upper

142 100

127 42.0 31.1 46.7

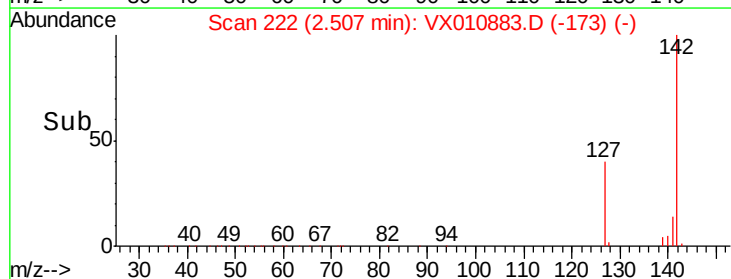
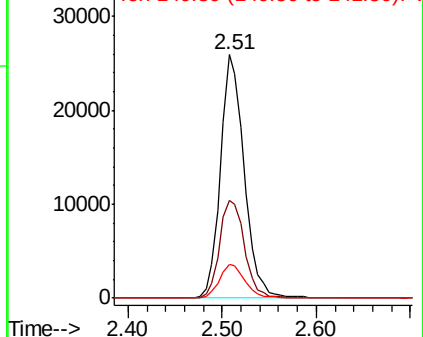
141 14.9 11.2 16.8

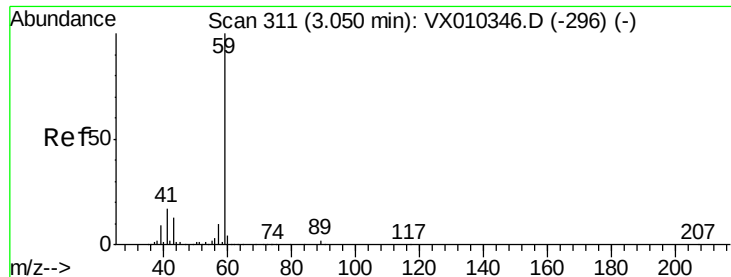


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



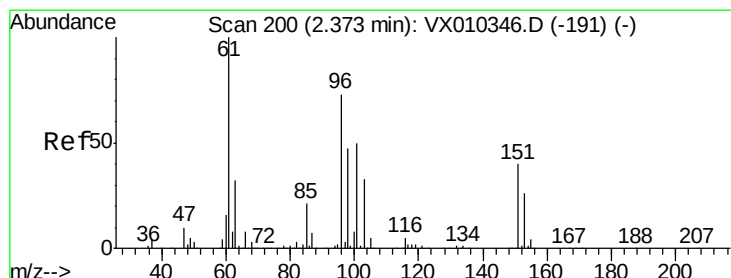
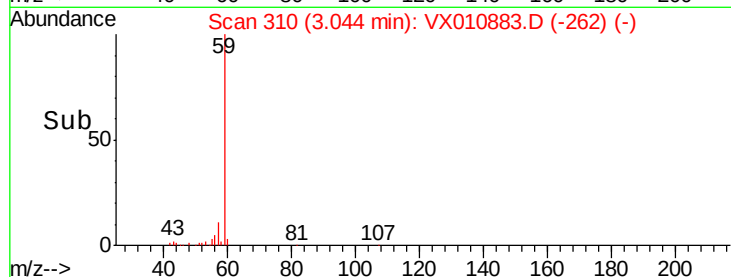
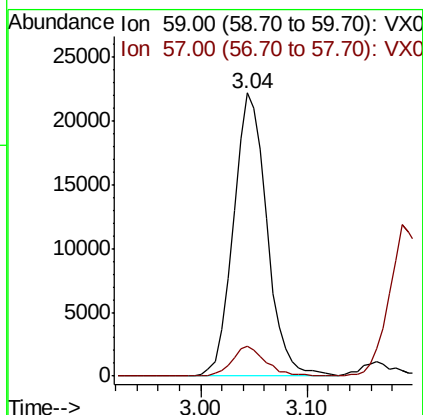
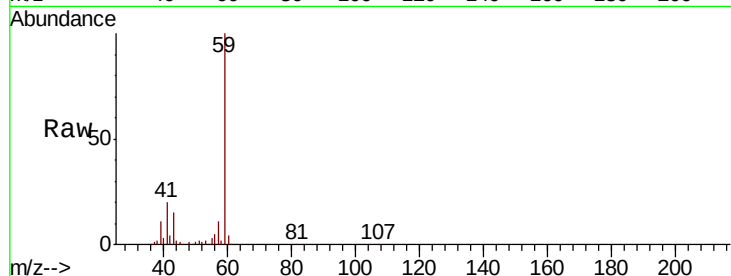


#11

Tert butyl alcohol
Concen: 74.575 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS02

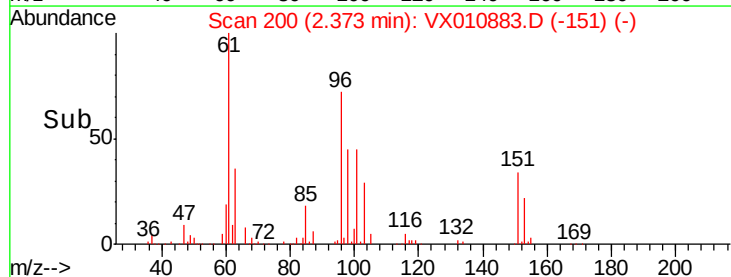
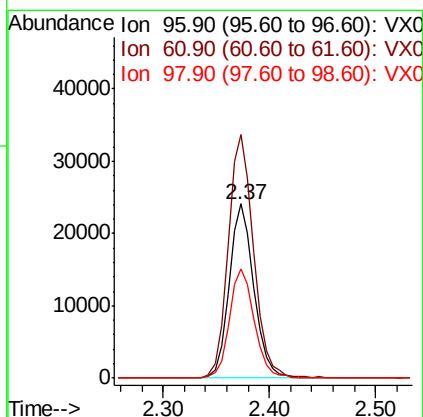
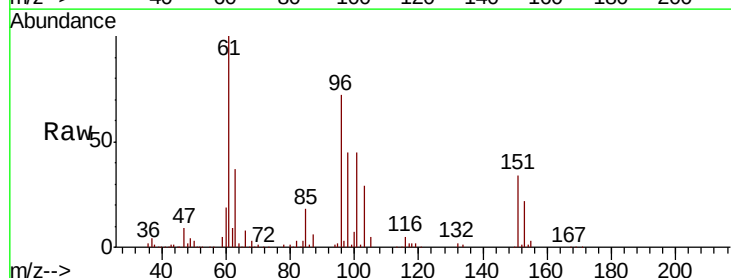
Tot Ion: 59 Resp: 49030
Ion Ratio Lower Upper
59 100
57 10.6 7.7 11.5

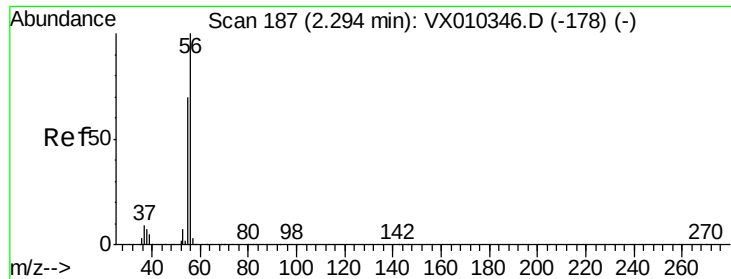


#12

1,1-Dichloroethene
Concen: 16.866 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

Tgt Ion: 96 Resp: 39176
Ion Ratio Lower Upper
96 100
61 139.6 109.2 163.8
98 62.6 51.1 76.7





#13

Acrolein

Concen: 95.462 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

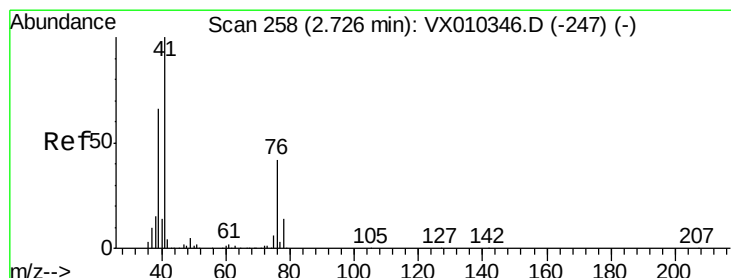
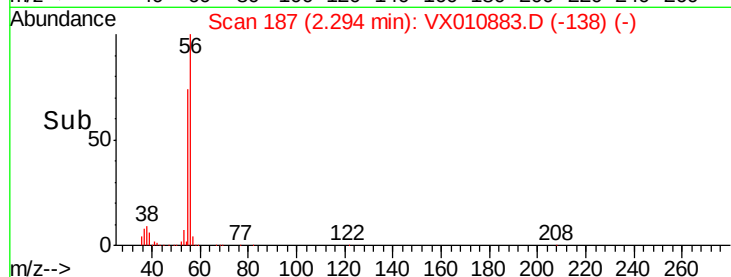
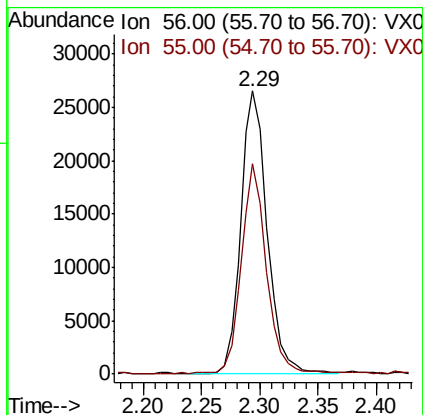
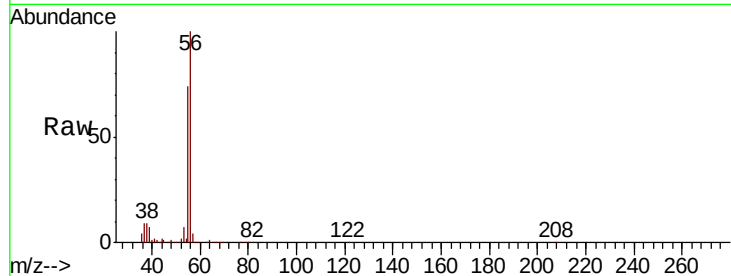
VX0715WBS02

Tot Ion: 56 Resp: 41635

Ion Ratio Lower Upper

56 100

55 70.3 56.9 85.3



#14

Allyl chloride

Concen: 17.271 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

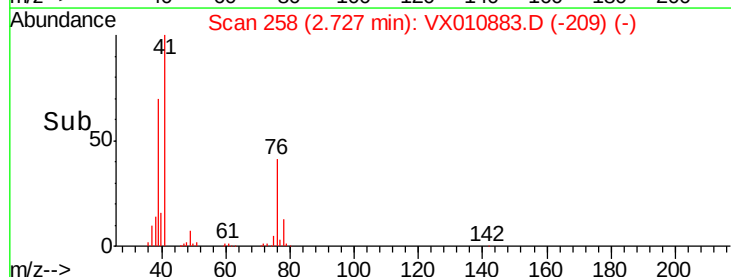
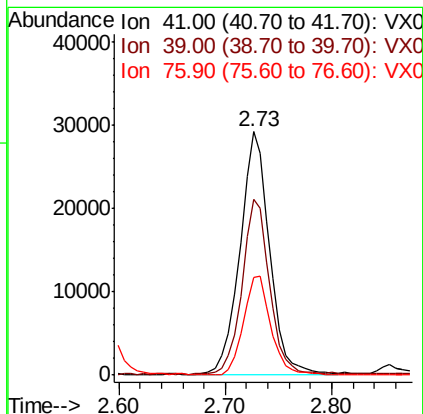
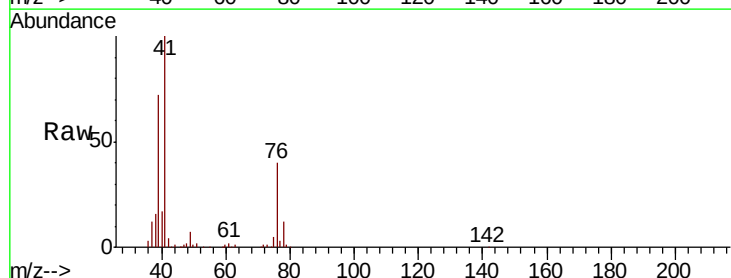
Tgt Ion: 41 Resp: 56955

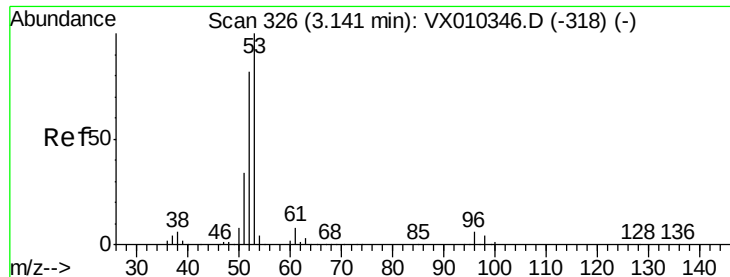
Ion Ratio Lower Upper

41 100

39 66.3 50.3 75.5

76 37.5 31.3 46.9





#15

Acrylonitrile

Concen: 87.489 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS02

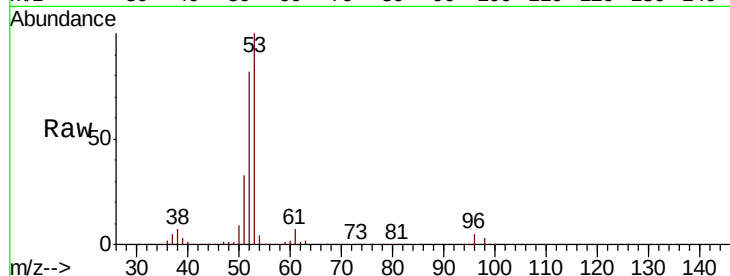
Tot Ion: 53 Resp: 113885

Ion Ratio Lower Upper

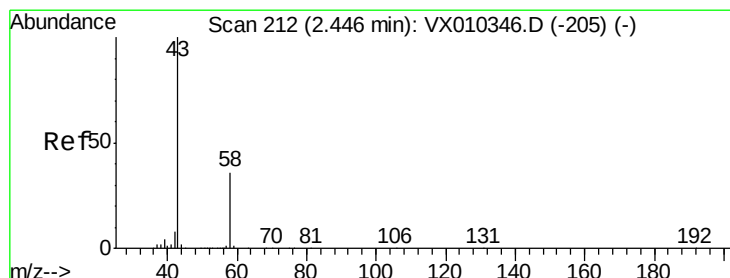
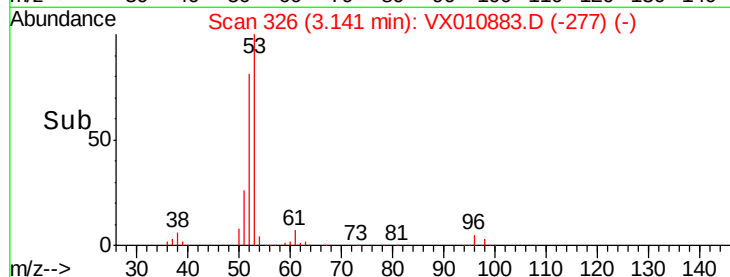
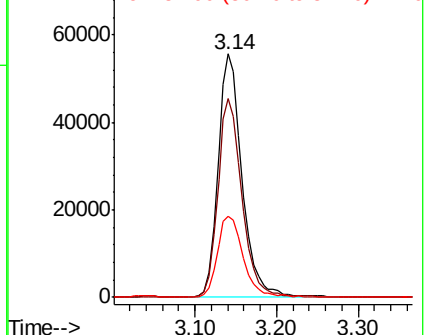
53 100

52 82.5 65.5 98.3

51 35.9 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 81.898 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010883.D

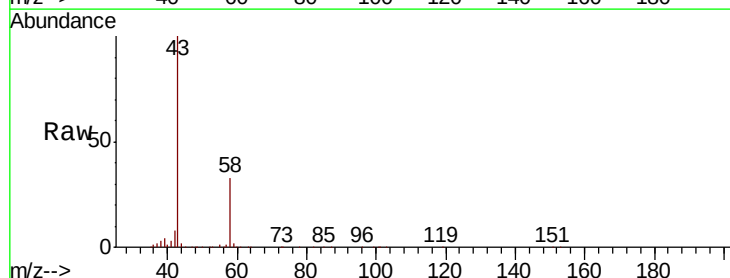
Acq: 15 Jul 2019 14:41

Tgt Ion: 43 Resp: 103128

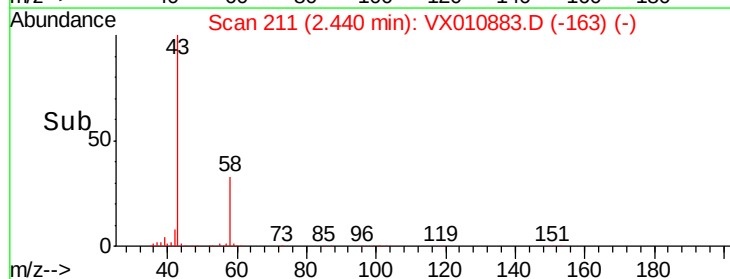
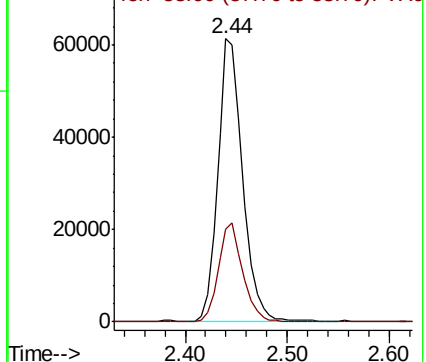
Ion Ratio Lower Upper

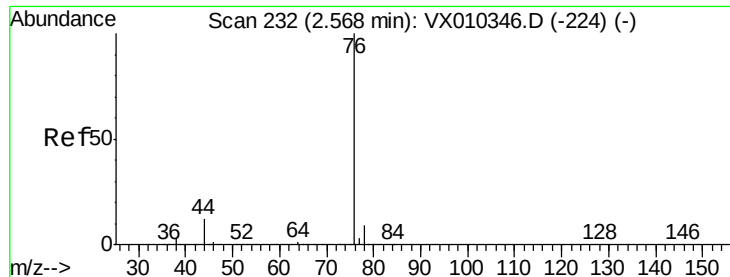
43 100

58 32.8 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 14.602 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

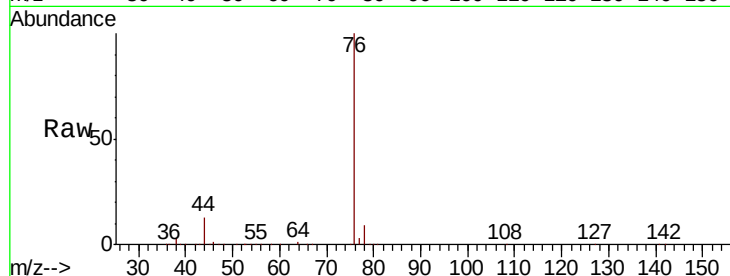
VX0715WBS02

Tot Ion: 76 Resp: 90998

Ion Ratio Lower Upper

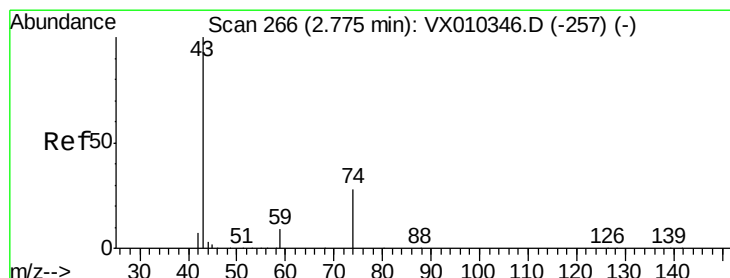
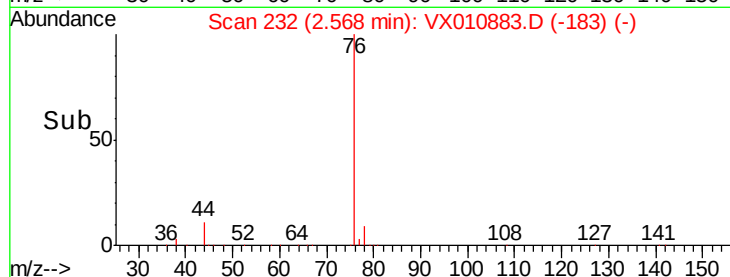
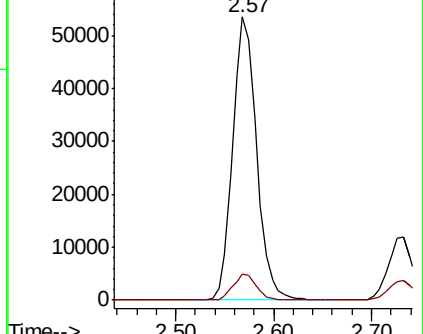
76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.278 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010883.D

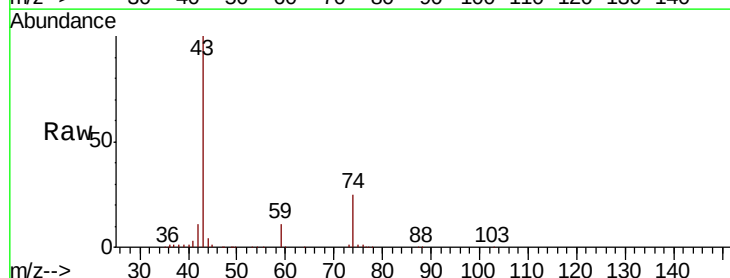
Acq: 15 Jul 2019 14:41

Tgt Ion: 43 Resp: 45873

Ion Ratio Lower Upper

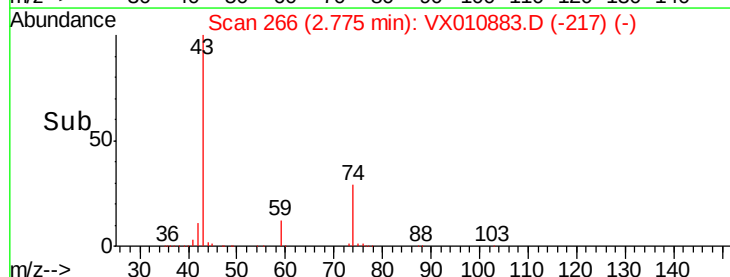
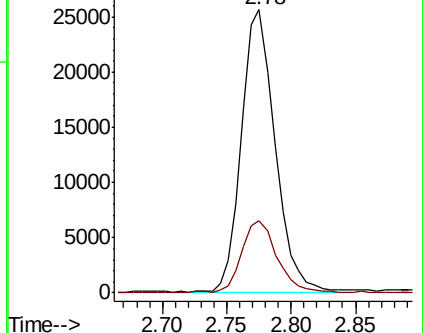
43 100

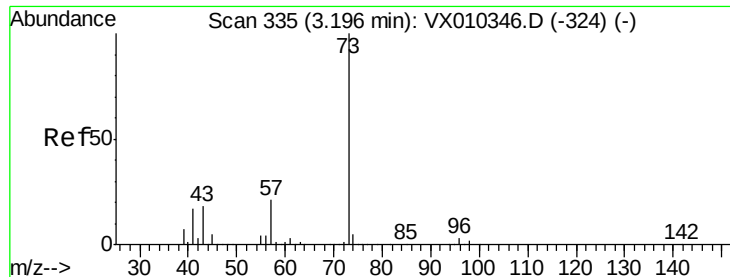
74 27.4 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

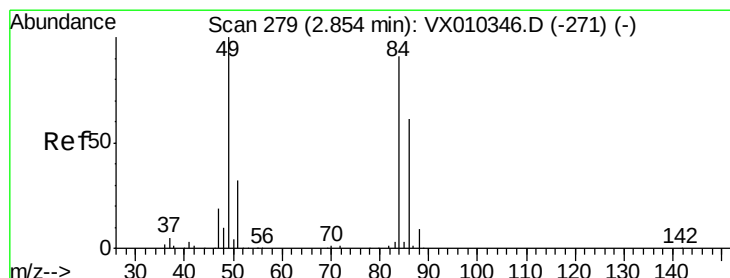
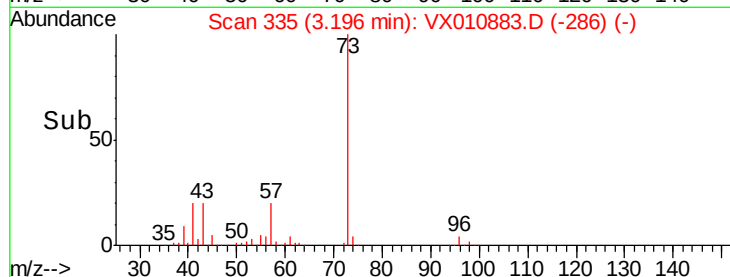
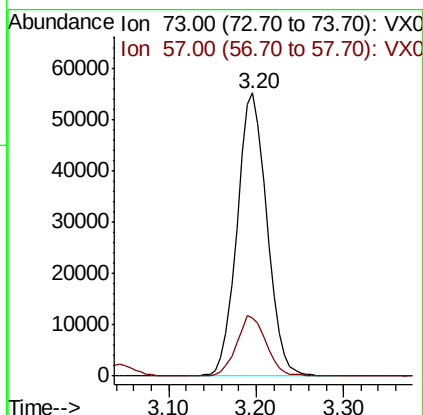
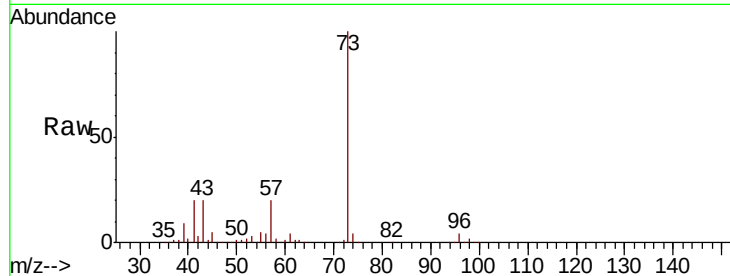




#19
Methvl tert-butyl Ether
Concen: 17.894 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

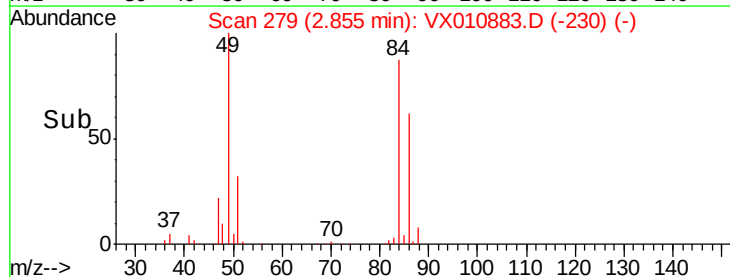
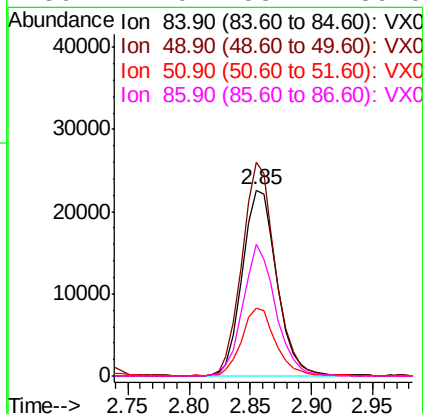
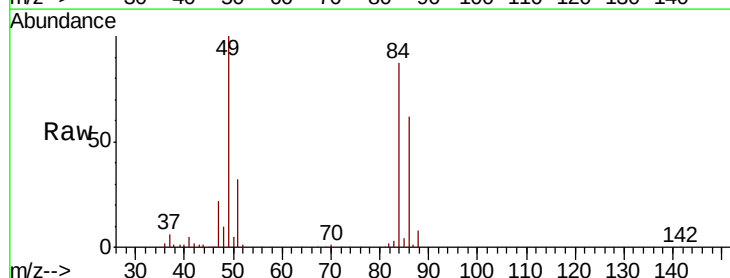
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS02

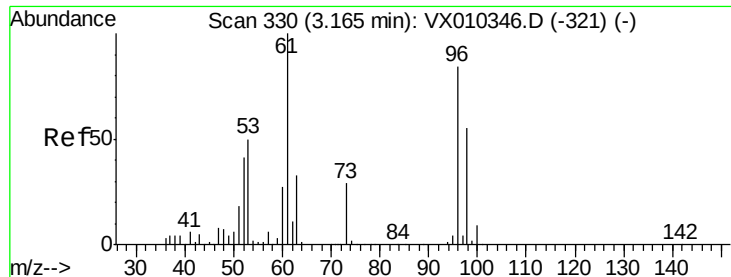
Tot Ion: 73 Resp: 130758
Ion Ratio Lower Upper
73 100
57 20.4 16.4 24.6



#20
Methylene Chloride
Concen: 17.160 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

Tgt Ion: 84 Resp: 44470
Ion Ratio Lower Upper
84 100
49 114.5 87.5 131.3
51 36.4 27.7 41.5
86 71.0 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 16.613 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS02

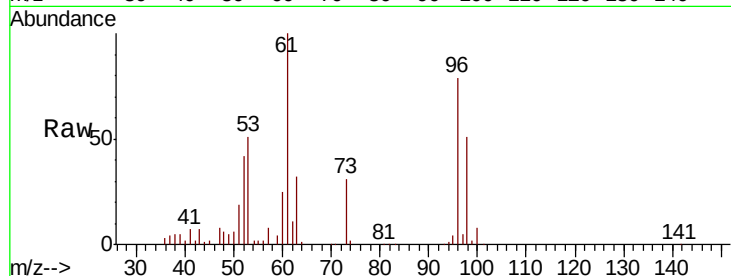
Tot Ion: 96 Resp: 41502

Ion Ratio Lower Upper

96 100

61 126.7 95.6 143.4

98 65.2 52.5 78.7

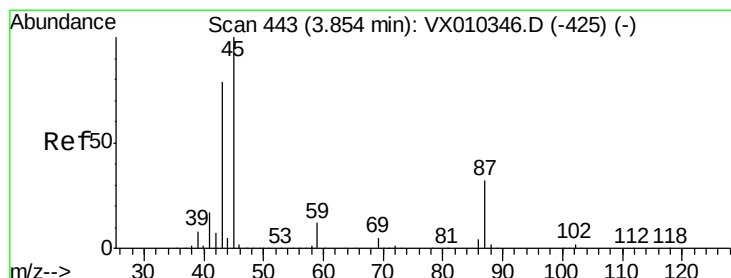
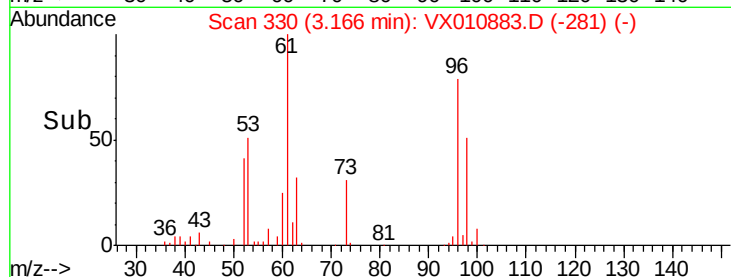
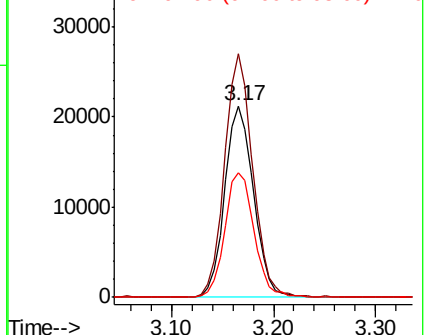


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.117 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Tgt Ion: 45 Resp: 124910

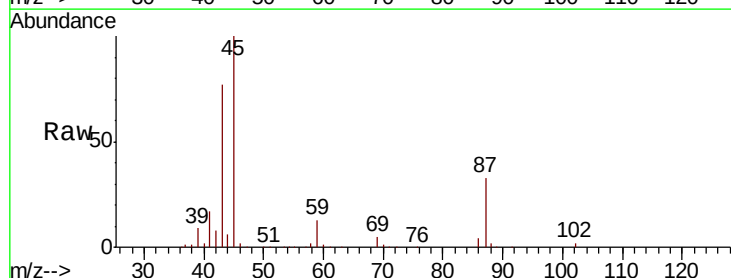
Ion Ratio Lower Upper

45 100

43 76.1 63.3 94.9

87 33.3 25.8 38.8

59 12.6 9.6 14.4



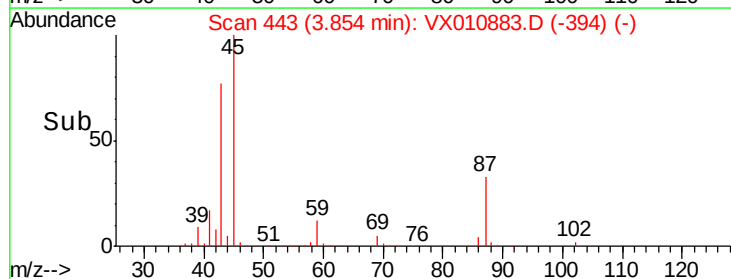
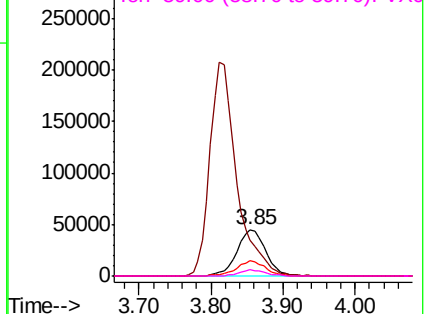
Abundance

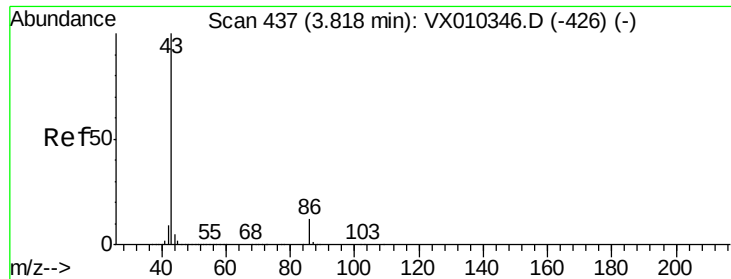
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

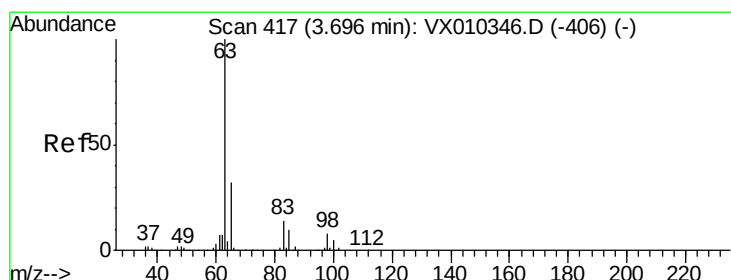
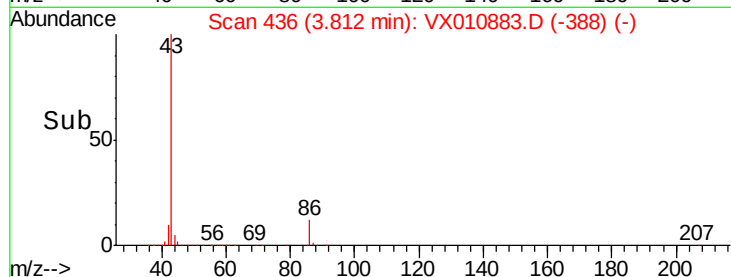
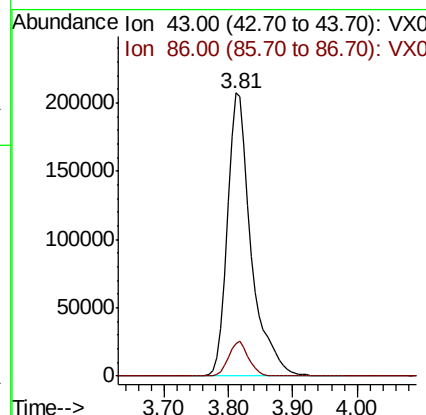
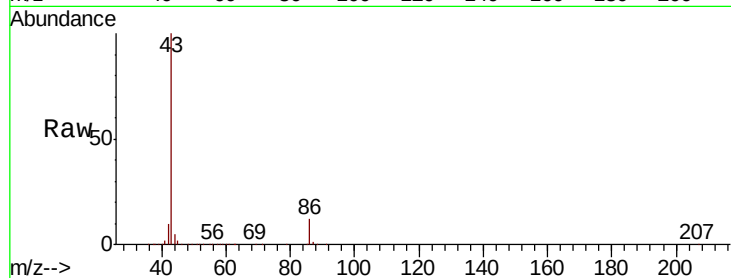




#23
 Vinyl Acetate
 Concen: 90.409 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX010883.D
 Acq: 15 Jul 2019 14:41

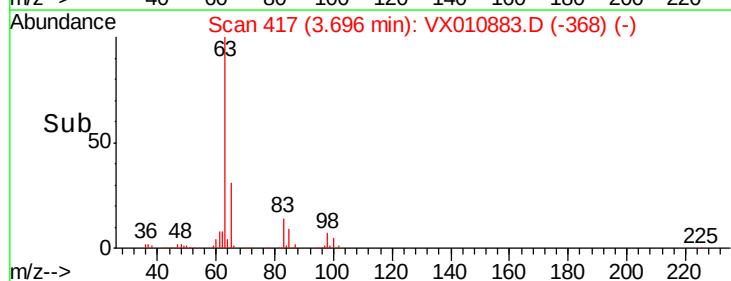
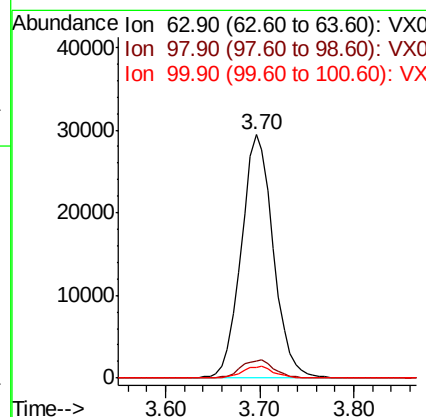
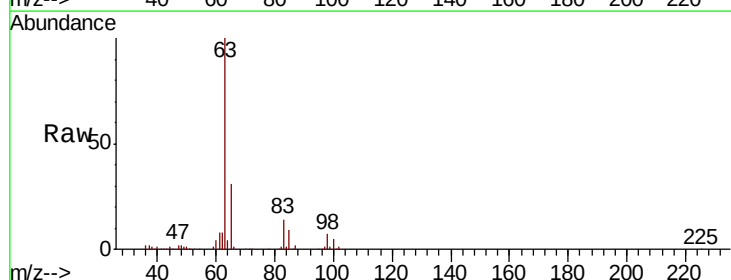
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS02

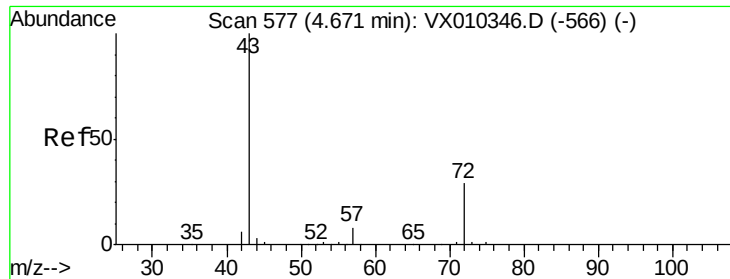
Tot Ion: 43 Resp: 538506
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 17.494 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX010883.D
 Acq: 15 Jul 2019 14:41

Tgt Ion: 63 Resp: 69719
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.6 2.4 7.1





#25

2-Butanone

Concen: 86.301 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

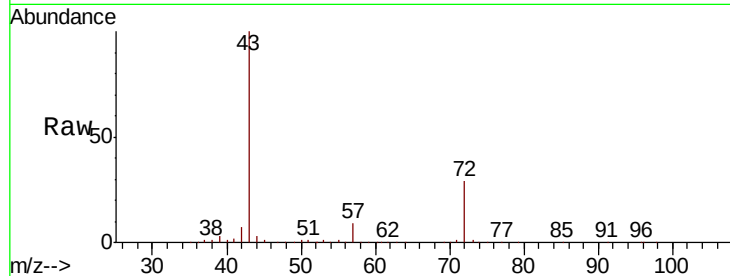
VX0715WBS02

Tot Ion: 43 Resp: 159410

Ion Ratio Lower Upper

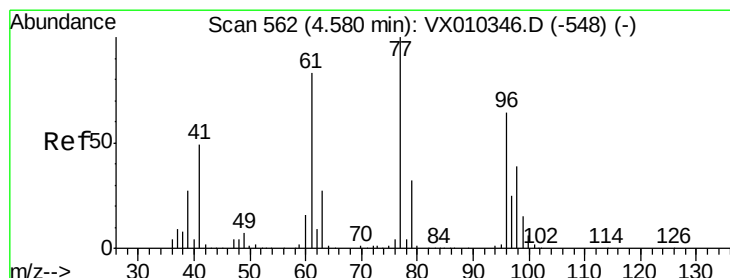
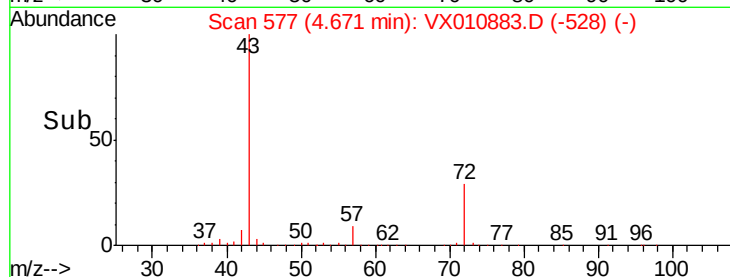
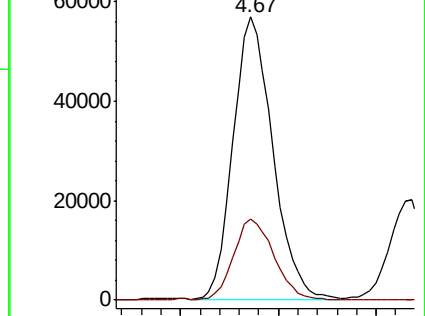
43 100

72 28.6 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.520 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010883.D

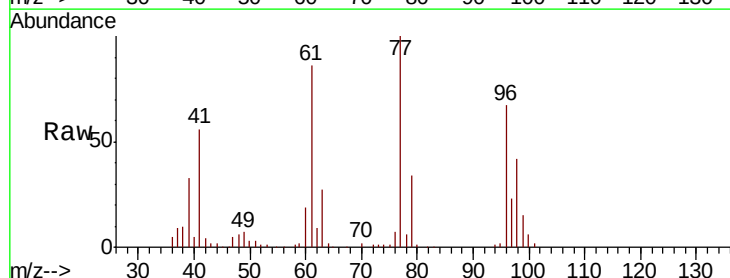
Acq: 15 Jul 2019 14:41

Tgt Ion: 77 Resp: 57193

Ion Ratio Lower Upper

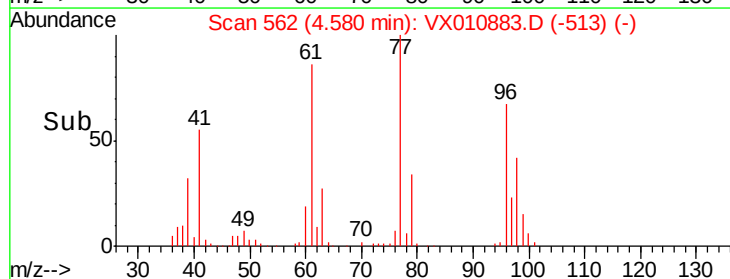
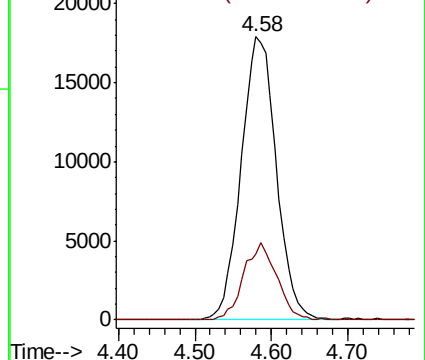
77 100

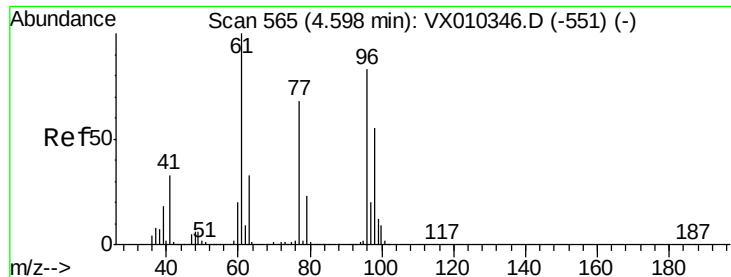
97 25.6 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



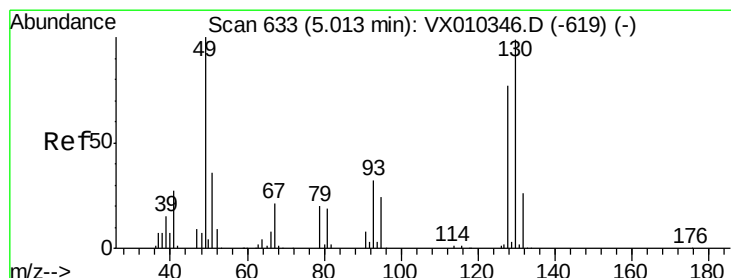
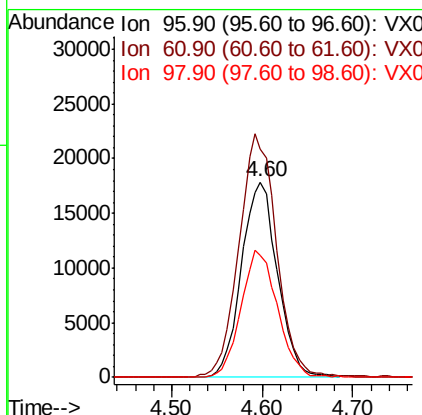
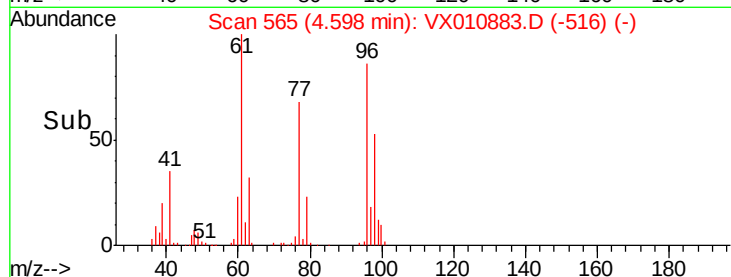
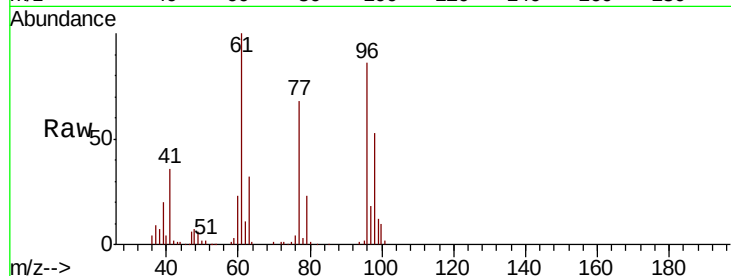


#27

cis-1,2-Dichloroethene
 Concen: 17.045 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010883.D
 Acq: 15 Jul 2019 14:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS02

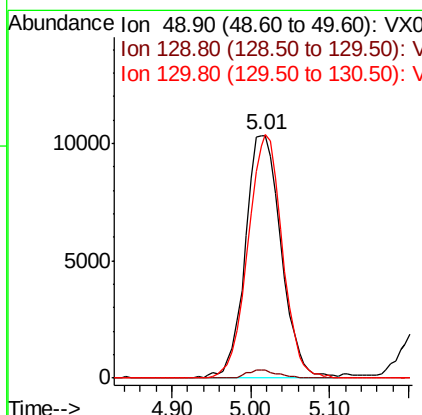
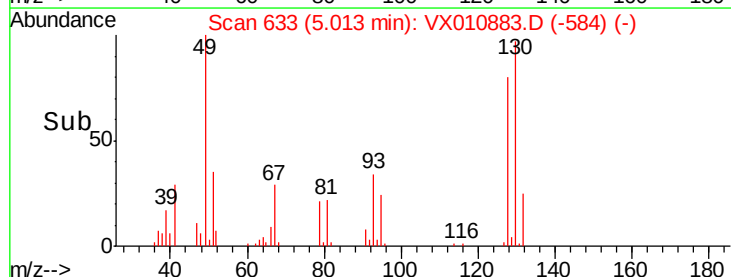
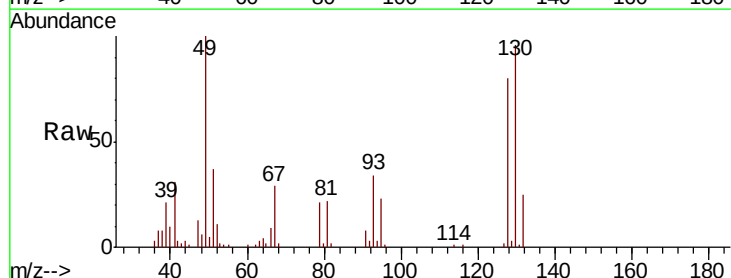
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.6	0.0	251.8
98	65.9	0.0	129.4

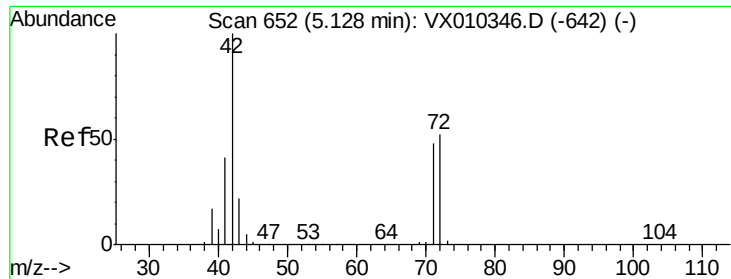


#28

Bromochloromethane
 Concen: 17.147 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010883.D
 Acq: 15 Jul 2019 14:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	95.8	81.4	122.0





#29

Tetrahydrofuran

Concen: 86.420 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS02

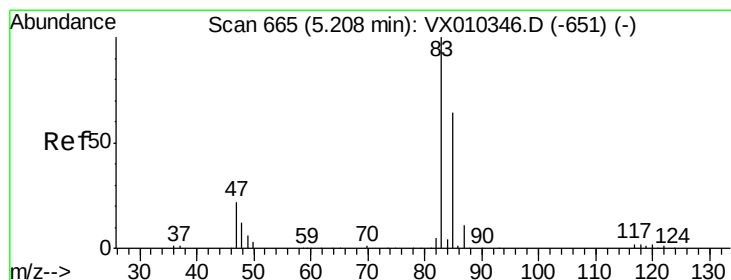
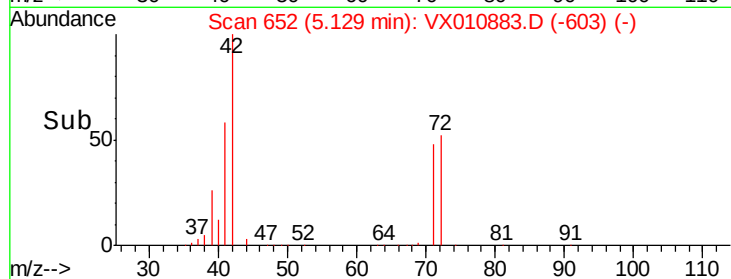
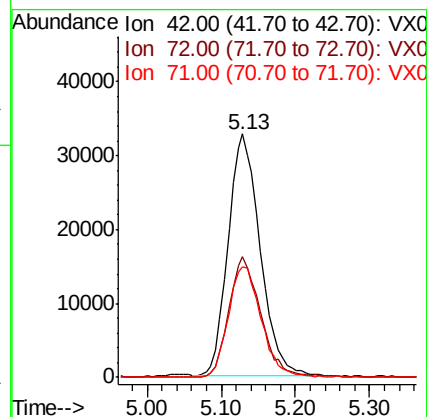
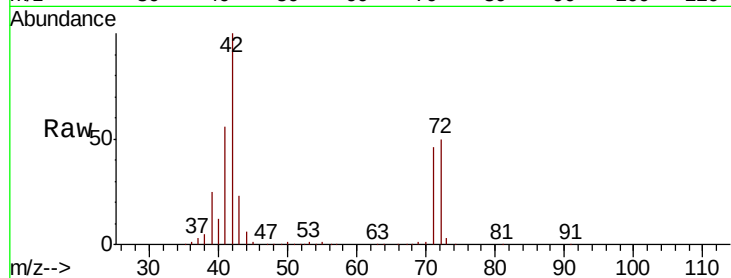
Tot Ion: 42 Resp: 98876

Ion Ratio Lower Upper

42 100

72 49.9 40.6 60.8

71 46.9 37.8 56.8



#30

Chloroform

Concen: 17.952 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010883.D

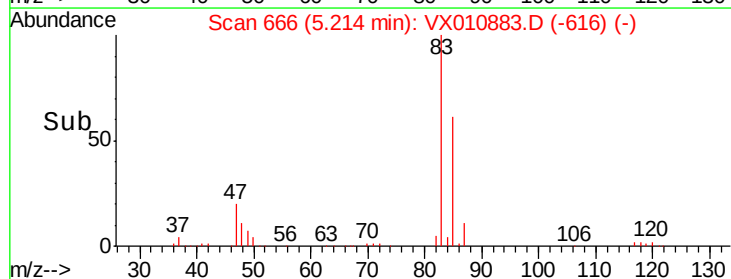
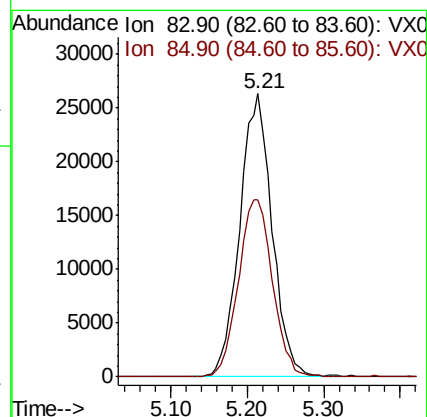
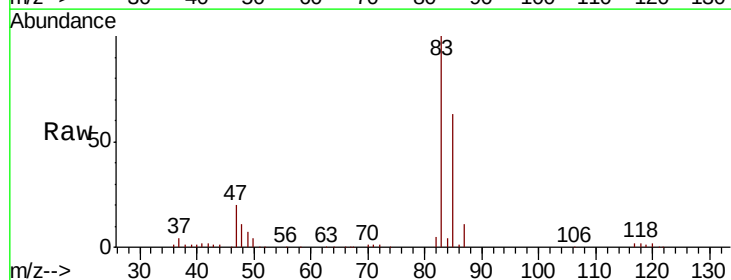
Acq: 15 Jul 2019 14:41

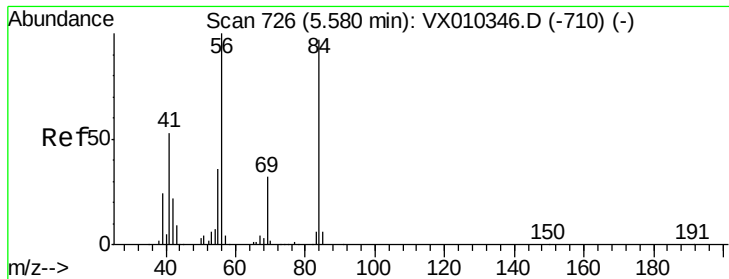
Tgt Ion: 83 Resp: 76980

Ion Ratio Lower Upper

83 100

85 62.8 50.9 76.3





#31

Cyclohexane

Concen: 16.922 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS02

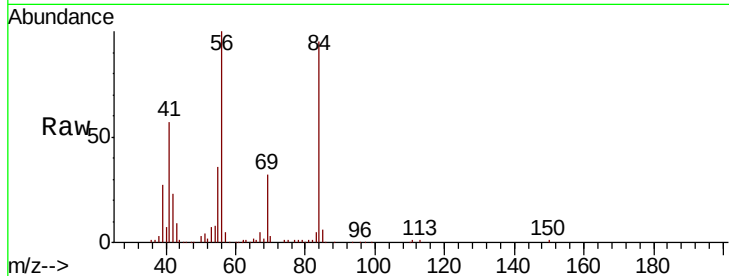
Tot Ion: 56 Resp: 61415

Ion Ratio Lower Upper

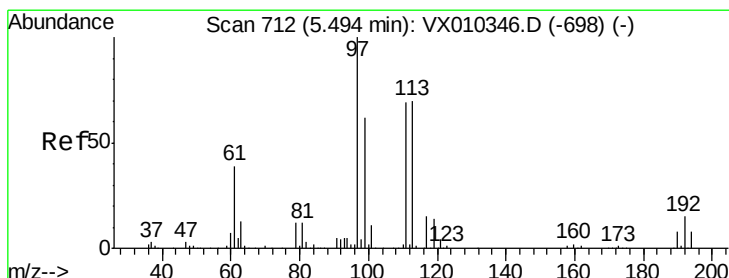
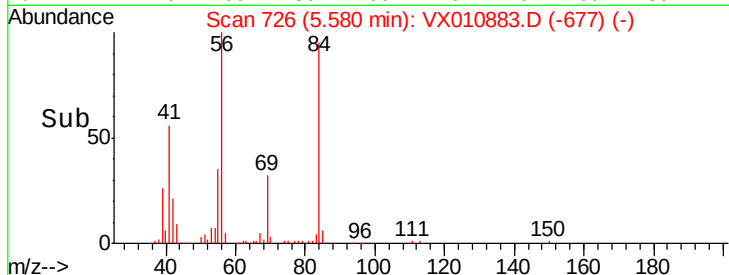
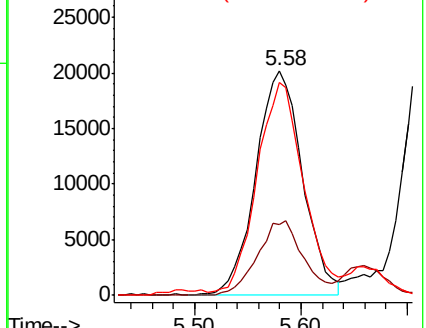
56 100

69 31.6 25.9 38.9

84 93.5 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 17.088 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

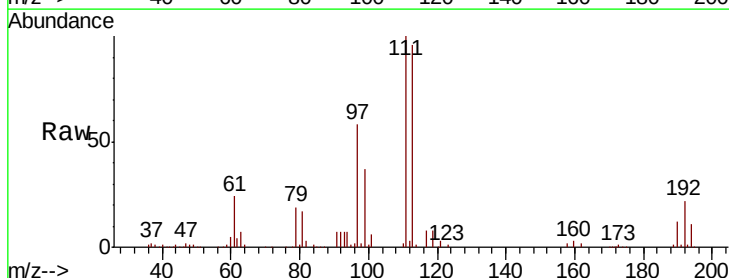
Tgt Ion: 97 Resp: 64702

Ion Ratio Lower Upper

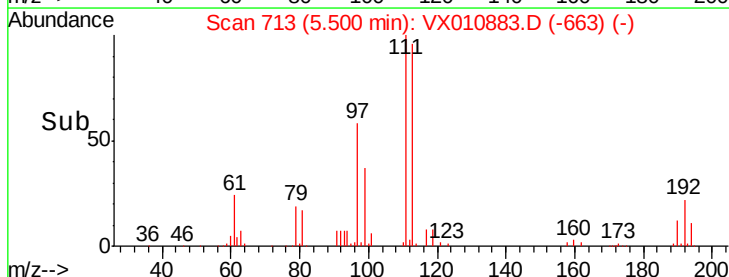
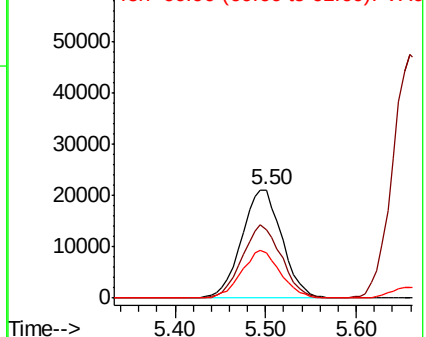
97 100

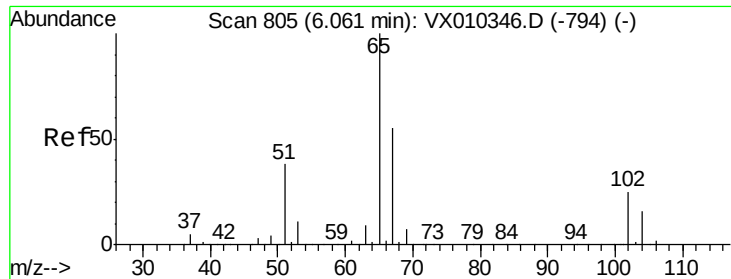
99 66.4 51.8 77.8

61 43.0 32.1 48.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

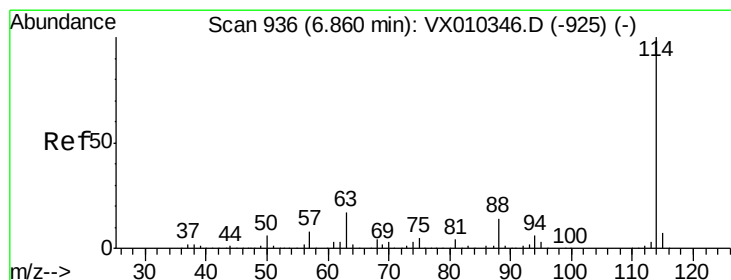
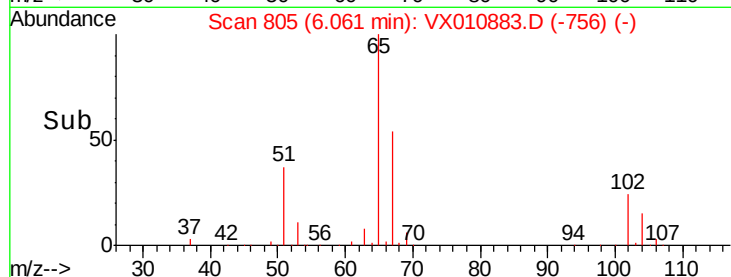
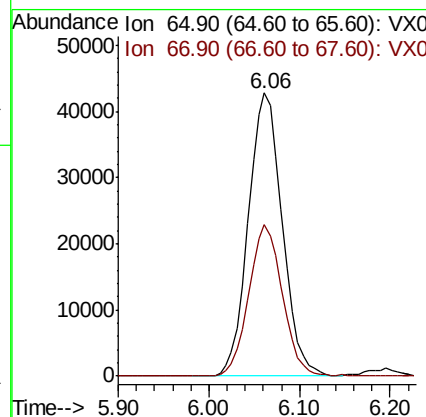
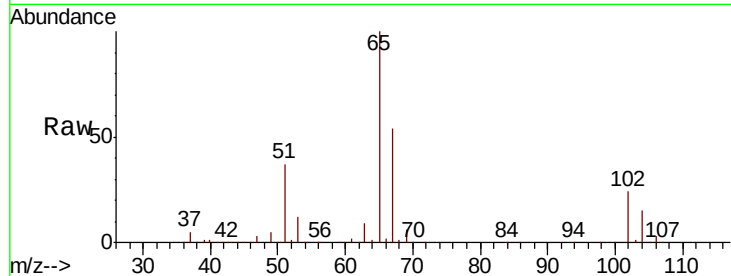




#33
 1,2-Dichloroethane-d4
 Concen: 44.067 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010883.D
 Acq: 15 Jul 2019 14:41

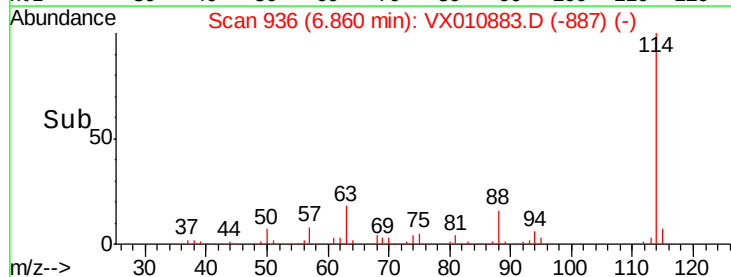
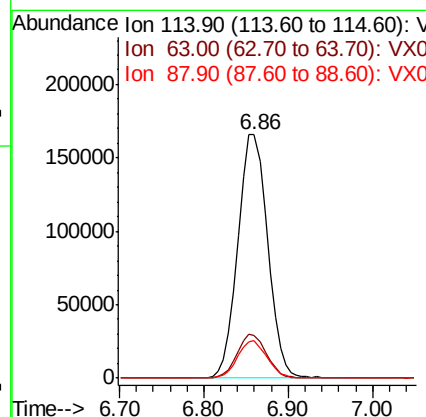
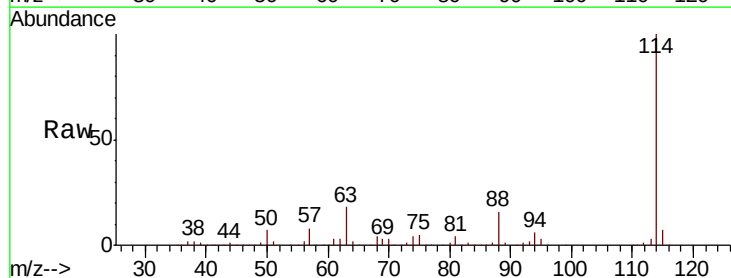
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS02

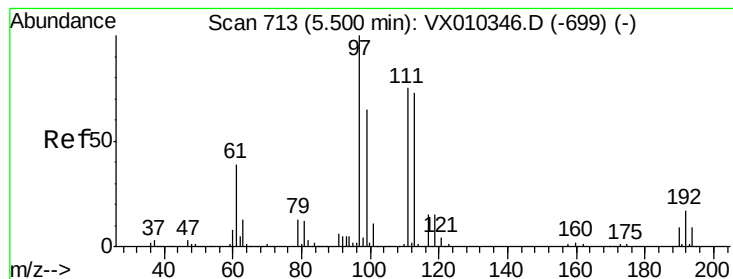
Tot Ion: 65 Resp: 110723
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010883.D
 Acq: 15 Jul 2019 14:41

Tgt Ion: 114 Resp: 397499
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 33.8
 88 15.5 0.0 27.6





#35

Dibromofluoromethane

Concen: 42.012 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS02

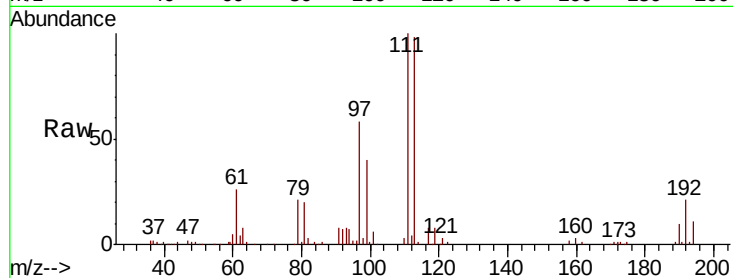
Tot Ion:113 Resp: 102176

Ion Ratio Lower Upper

113 100

111 103.5 81.2 121.8

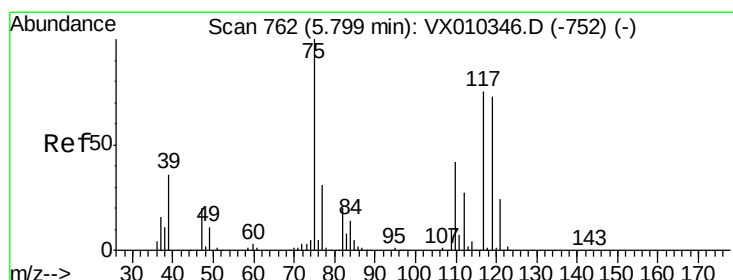
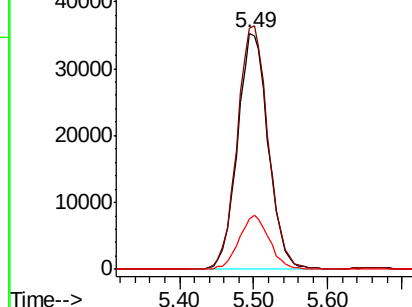
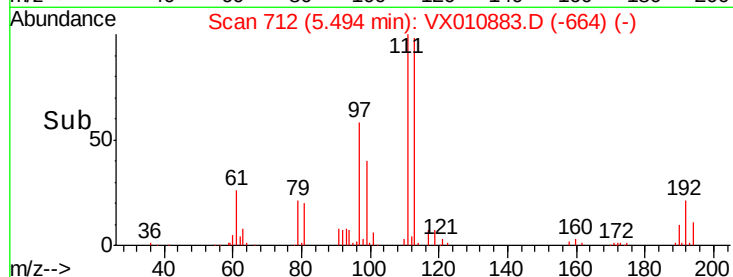
192 22.3 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.904 ug/l

RT: 5.81 min Scan# 763

Delta R.T. 0.01 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

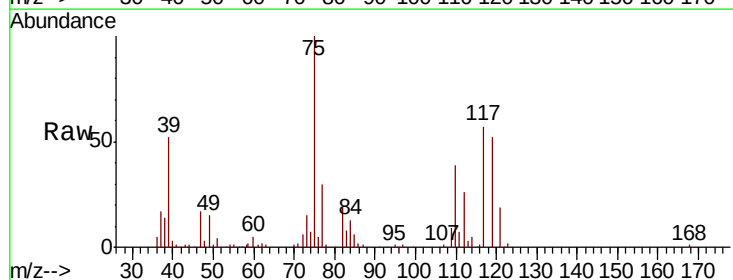
Tgt Ion: 75 Resp: 53397

Ion Ratio Lower Upper

75 100

110 40.2 20.8 62.2

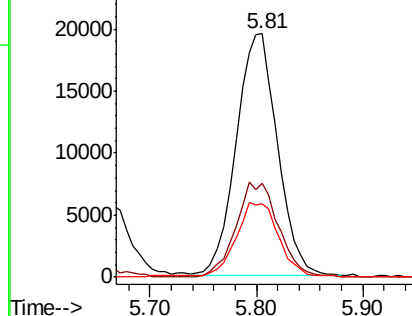
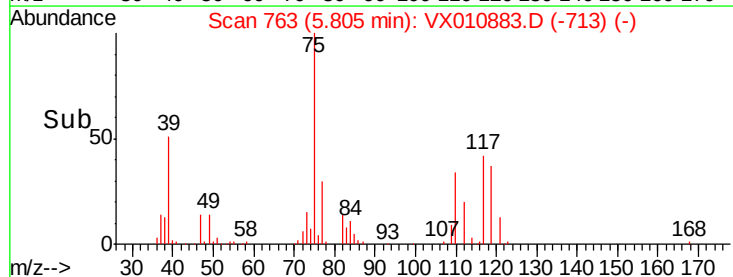
77 31.7 25.4 38.0

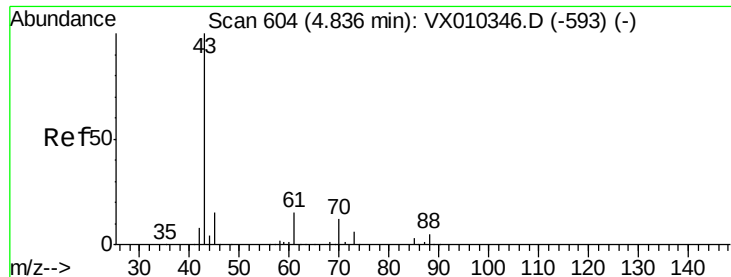


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 17.927 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS02

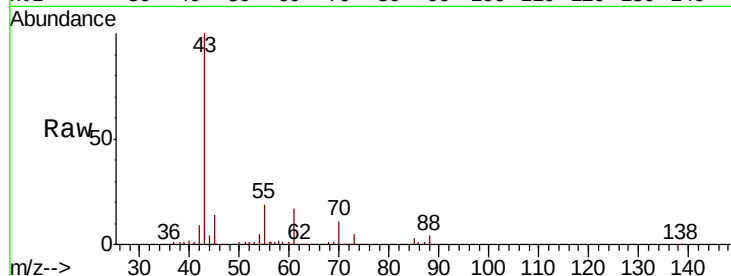
Tot Ion: 43 Resp: 58256

Ion Ratio Lower Upper

43 100

61 16.3 12.4 18.6

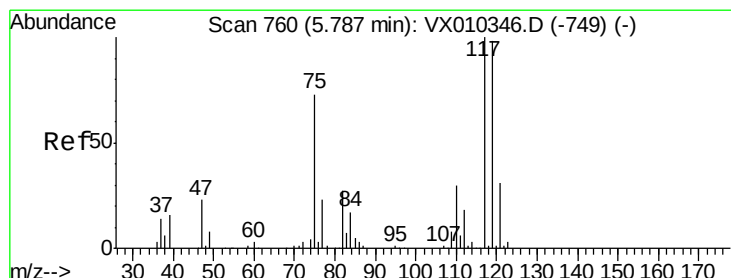
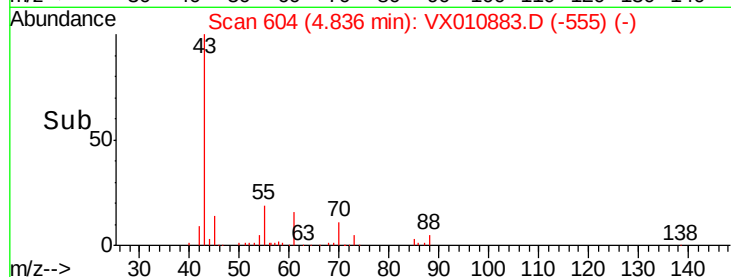
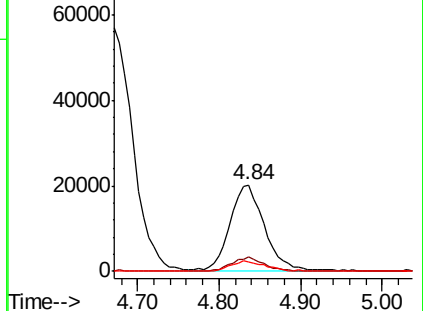
70 11.8 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 16.452 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

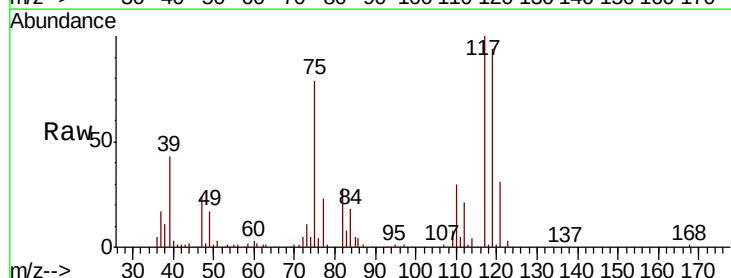
Tgt Ion: 117 Resp: 56274

Ion Ratio Lower Upper

117 100

119 93.9 78.2 117.4

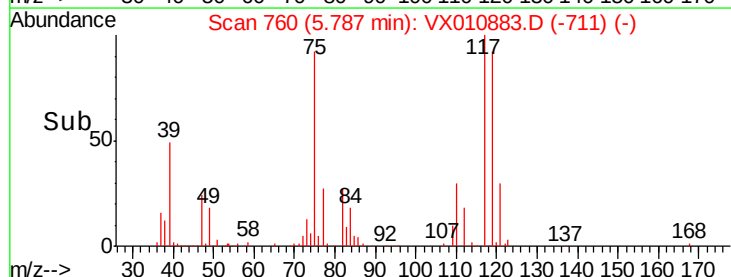
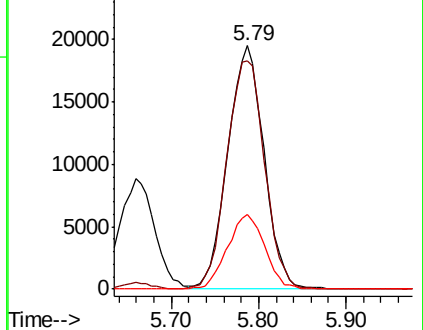
121 30.8 24.7 37.1

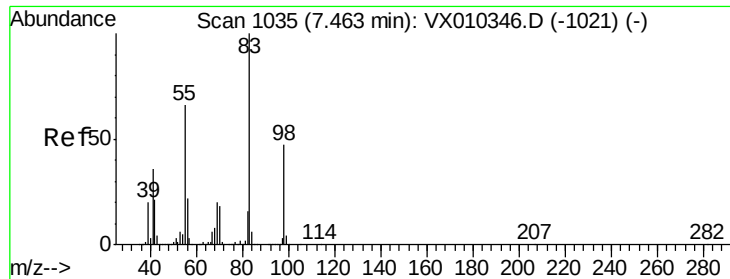


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

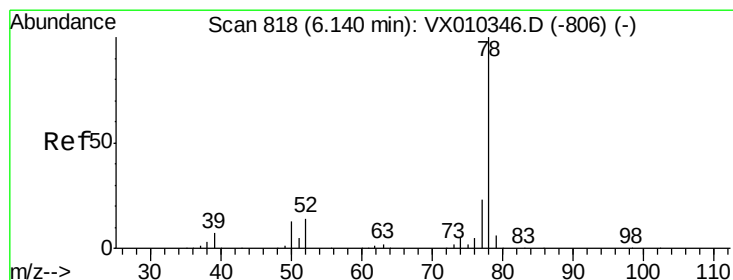
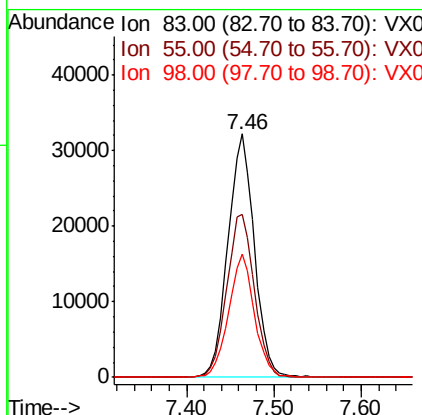
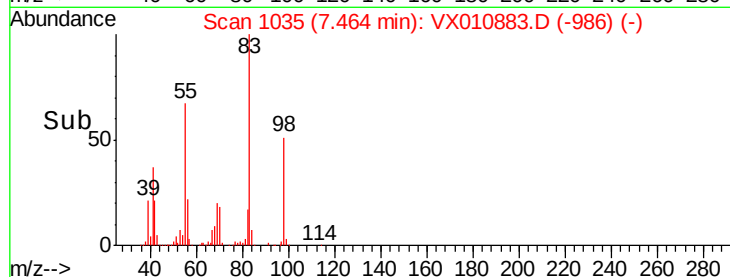
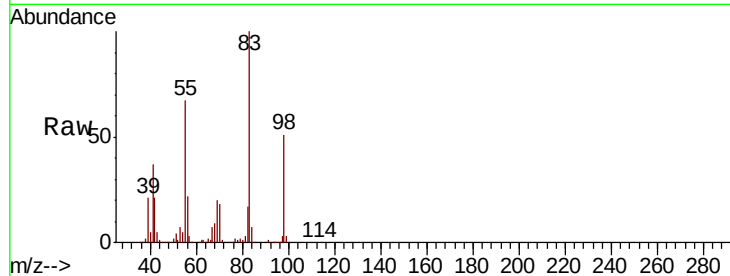




#39
Methylvlcyclohexane
Concen: 16.267 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

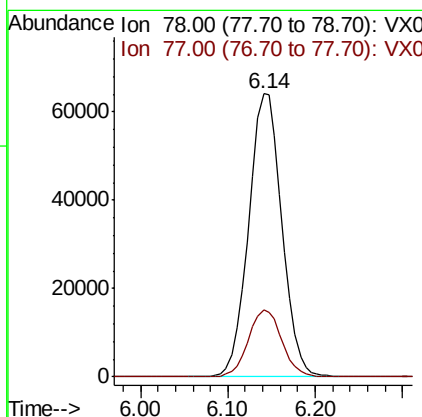
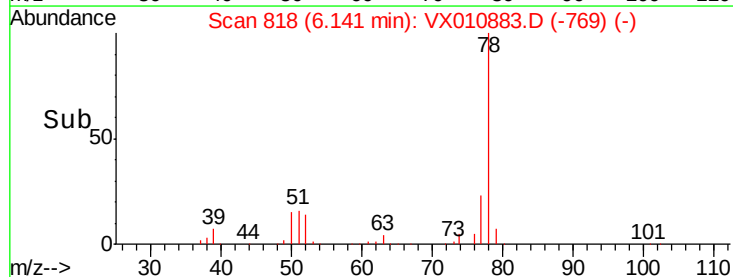
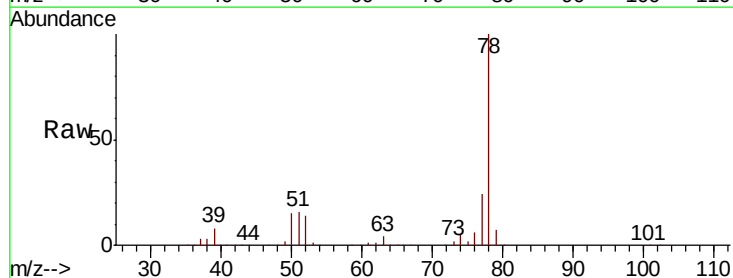
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS02

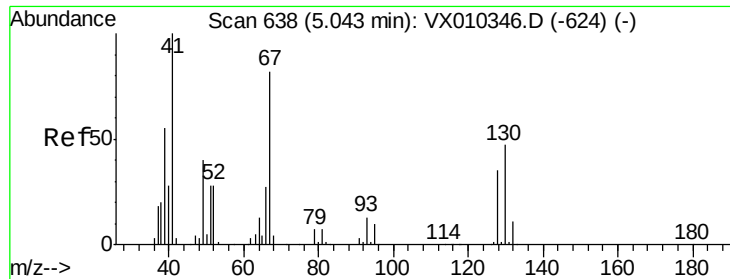
Tot Ion: 83 Resp: 67543
Ion Ratio Lower Upper
83 100
55 66.9 53.0 79.6
98 50.6 37.8 56.8



#40
Benzene
Concen: 17.224 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

Tgt Ion: 78 Resp: 169505
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0





#41

Methacrylonitrile

Concen: 18.160 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS02

Tot Ion: 41 Resp: 32380

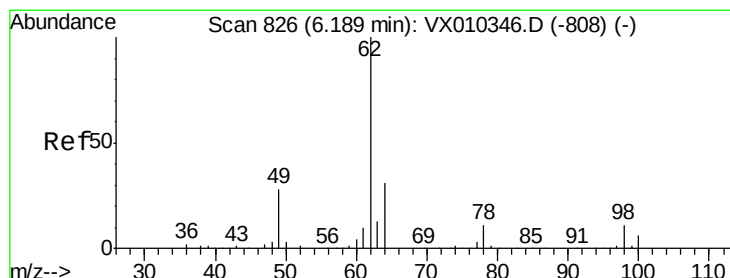
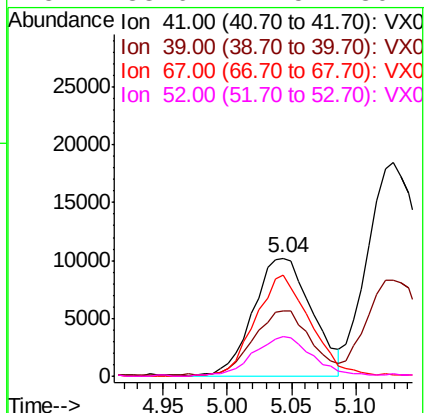
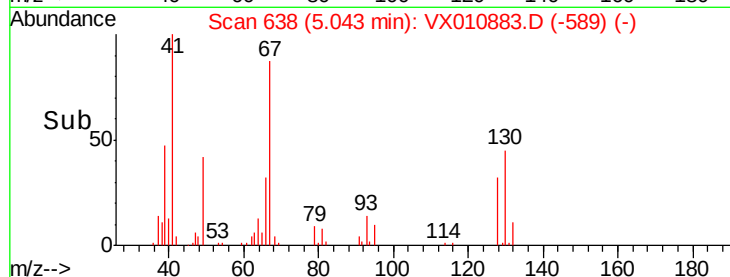
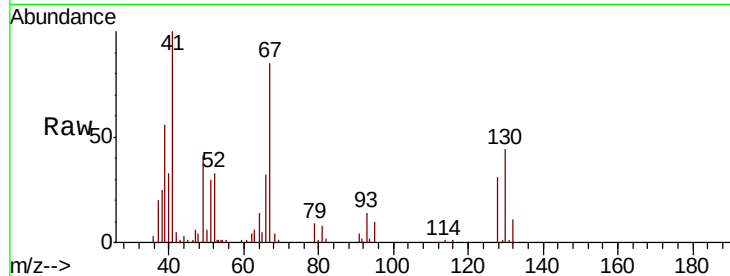
Ion Ratio Lower Upper

41 100

39 52.3 43.8 65.8

67 80.5 66.6 100.0

52 33.6 24.5 36.7



#42

1,2-Dichloroethane

Concen: 19.334 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010883.D

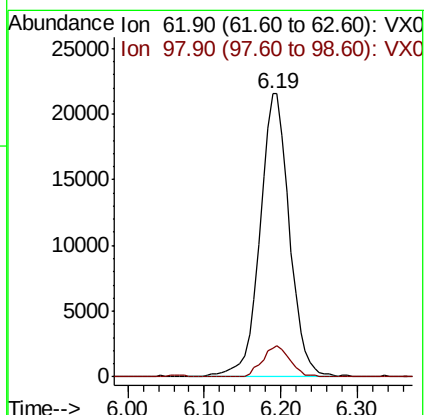
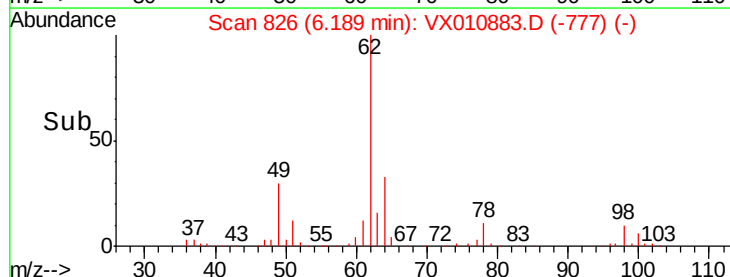
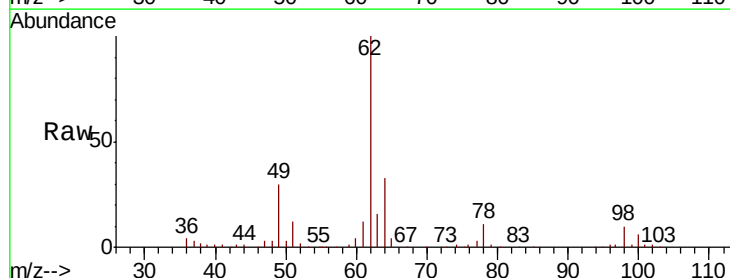
Acq: 15 Jul 2019 14:41

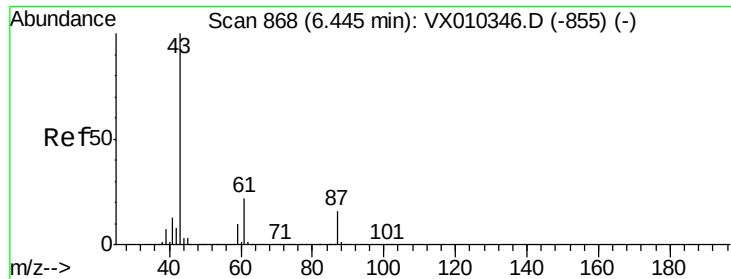
Tgt Ion: 62 Resp: 57917

Ion Ratio Lower Upper

62 100

98 10.4 0.0 22.2





#43

Isopropyl Acetate

Concen: 17.374 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS02

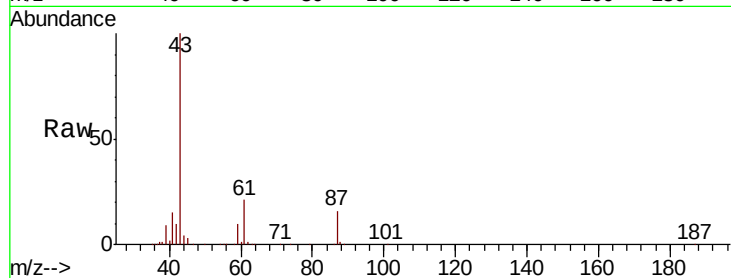
Tot Ion: 43 Resp: 93408

Ion Ratio Lower Upper

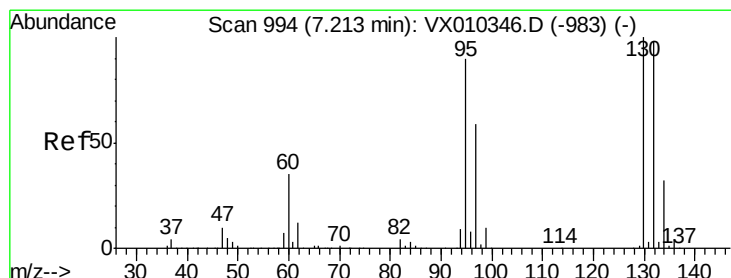
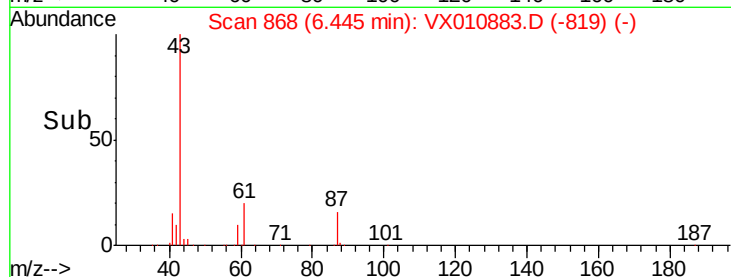
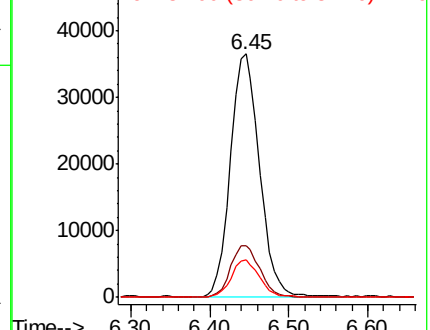
43 100

61 21.7 17.8 26.6

87 15.0 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 16.847 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010883.D

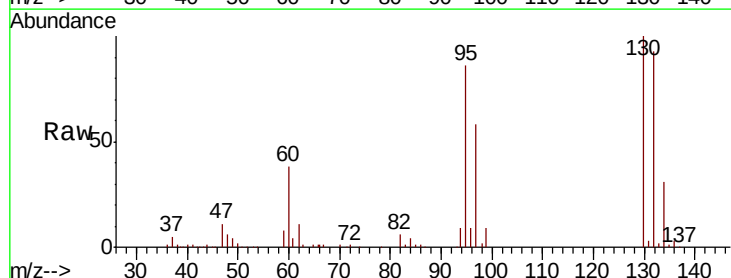
Acq: 15 Jul 2019 14:41

Tgt Ion:130 Resp: 49608

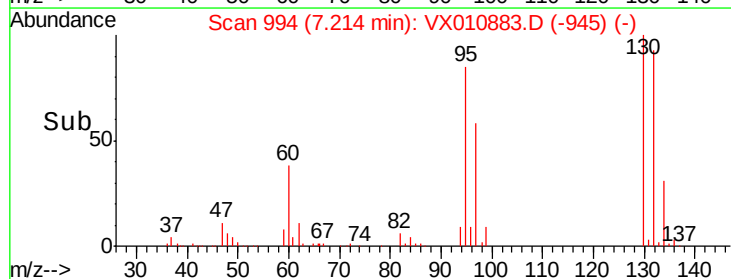
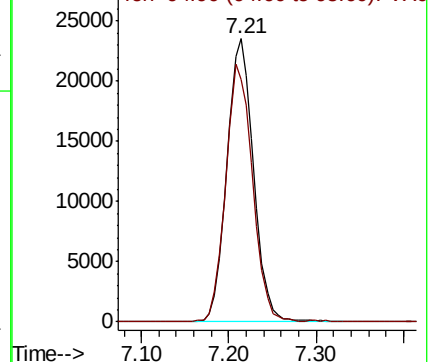
Ion Ratio Lower Upper

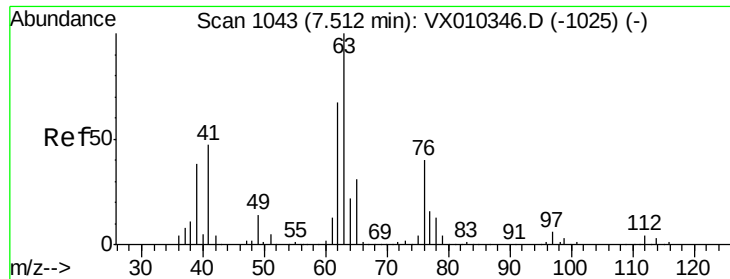
130 100

95 85.6 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

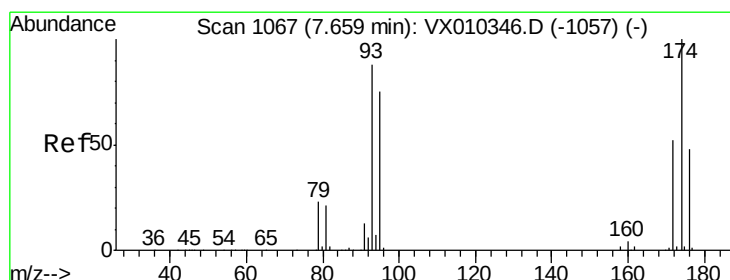
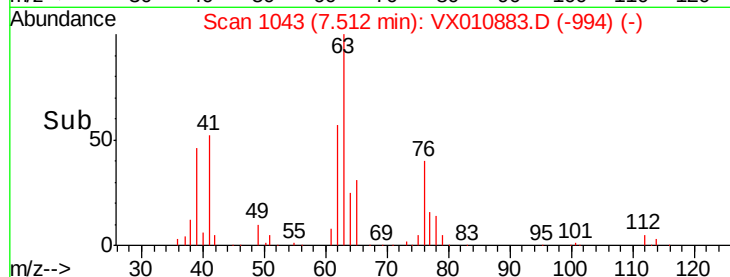
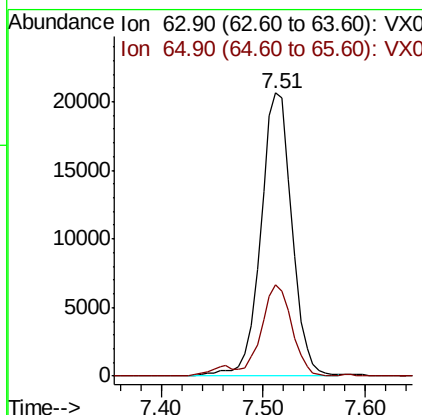
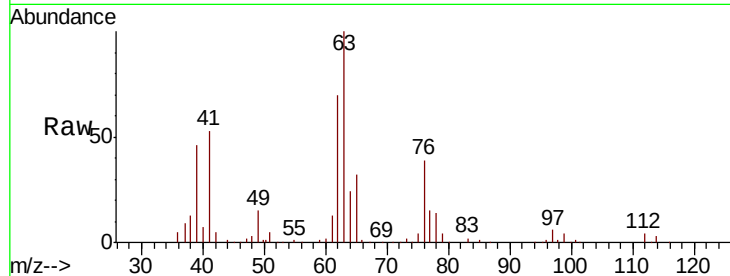




#45
 1,2-Dichloropropane
 Concen: 17.599 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010883.D
 Acq: 15 Jul 2019 14:41

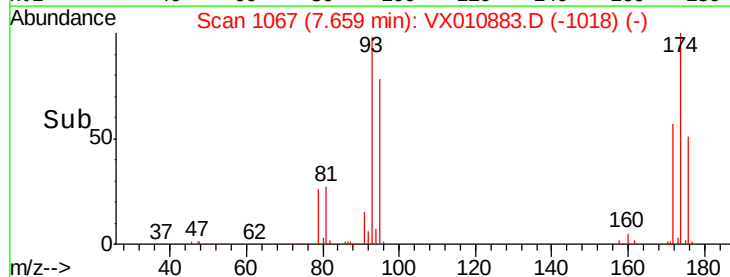
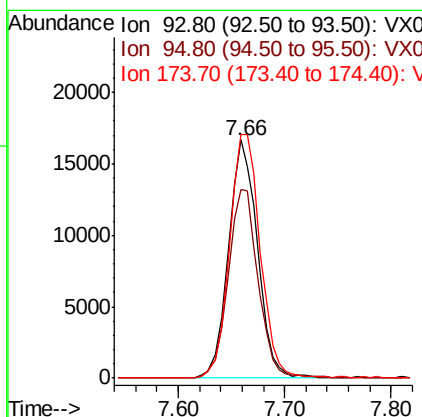
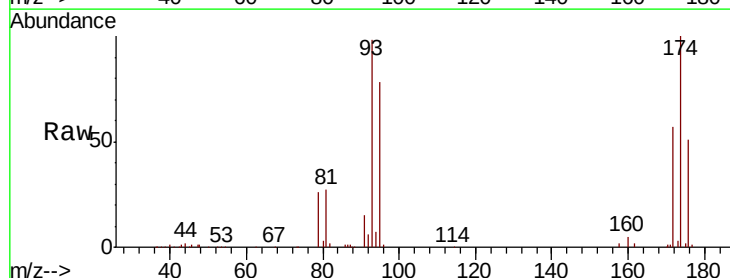
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS02

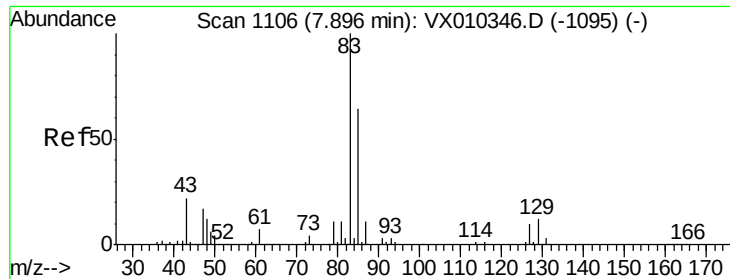
Tot Ion: 63 Resp: 43737
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.8 37.2



#46
 Dibromomethane
 Concen: 17.854 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010883.D
 Acq: 15 Jul 2019 14:41

Tgt Ion: 93 Resp: 31834
 Ion Ratio Lower Upper
 93 100
 95 81.5 67.5 101.3
 174 108.4 95.8 143.6





#47

Bromodichloromethane

Concen: 17.039 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS02

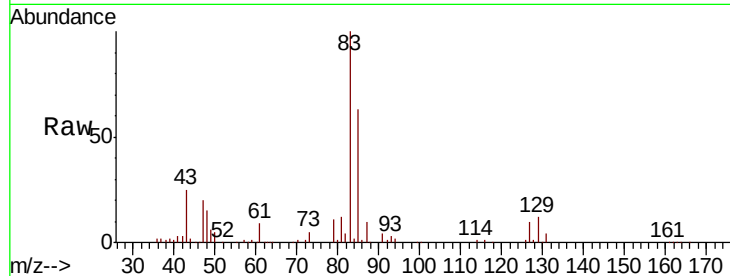
Tot Ion: 83 Resp: 55677

Ion Ratio Lower Upper

83 100

85 62.8 51.5 77.3

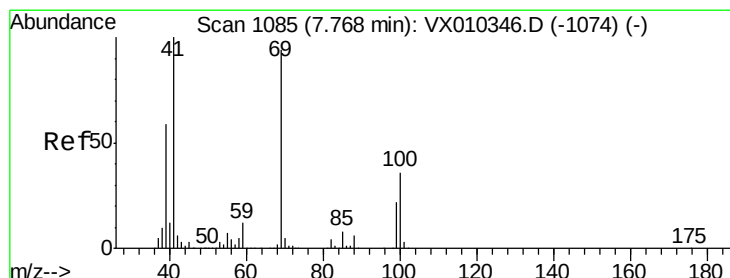
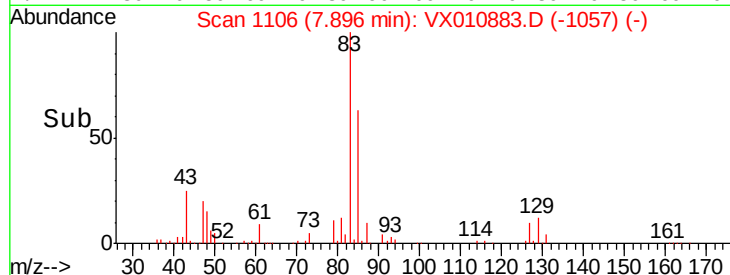
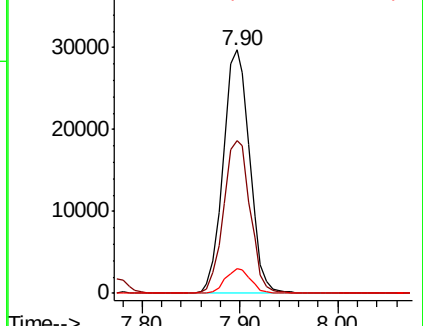
127 9.9 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.857 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

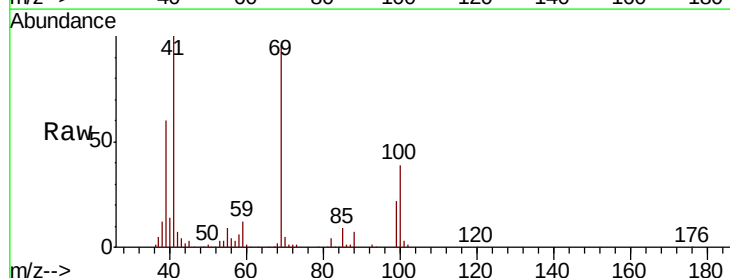
Tgt Ion: 41 Resp: 44625

Ion Ratio Lower Upper

41 100

69 92.5 76.1 114.1

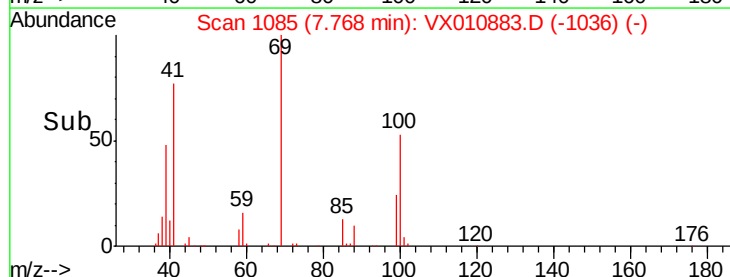
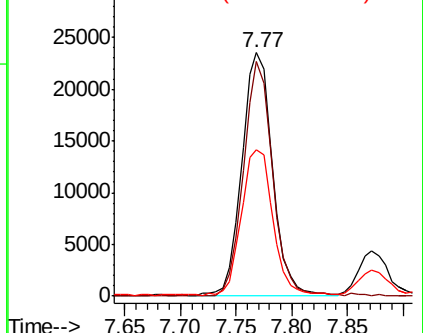
39 62.0 47.6 71.4

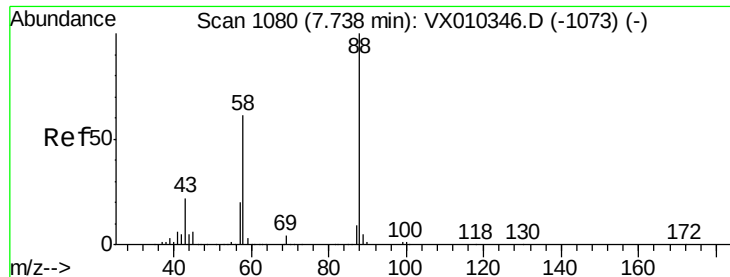


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 343.865 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS02

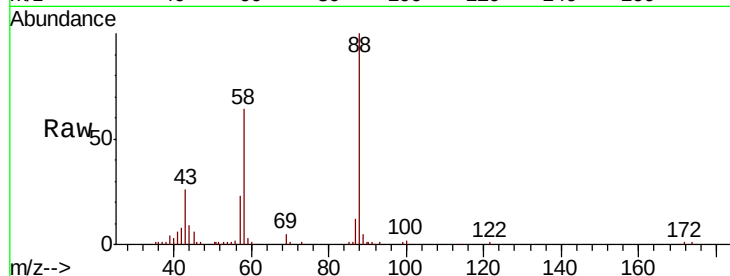
Tot Ion: 88 Resp: 24755

Ion Ratio Lower Upper

88 100

43 28.8 20.2 30.2

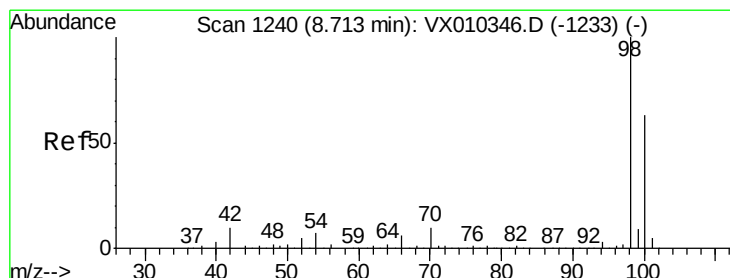
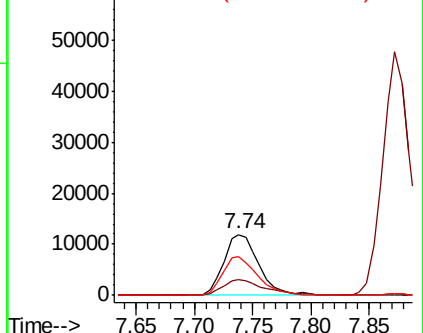
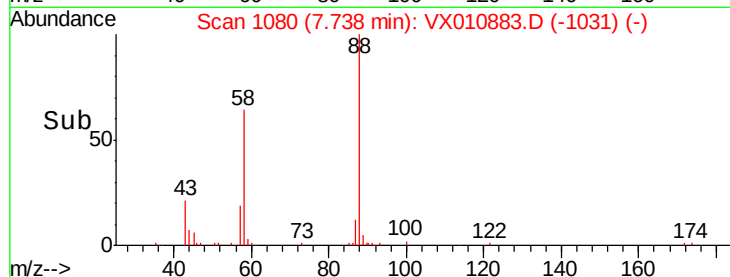
58 63.8 49.5 74.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 39.992 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010883.D

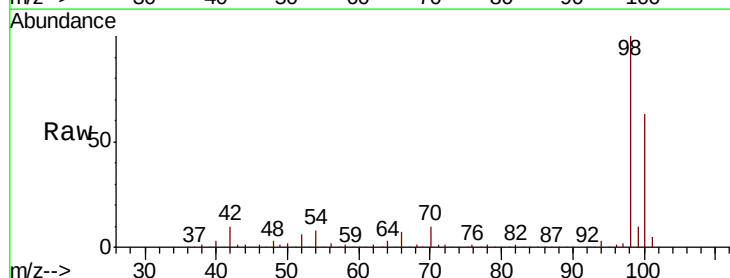
Acq: 15 Jul 2019 14:41

Tgt Ion: 98 Resp: 372110

Ion Ratio Lower Upper

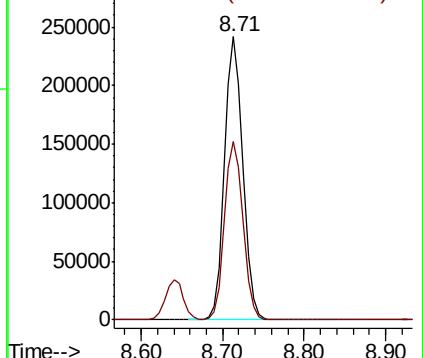
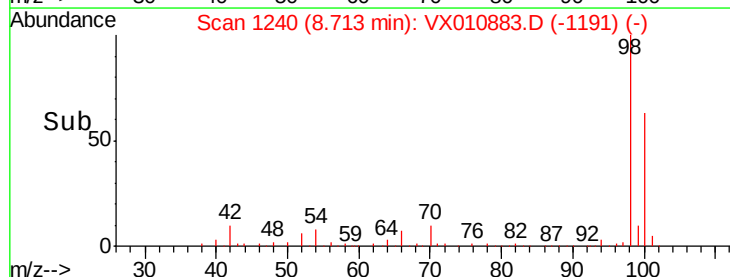
98 100

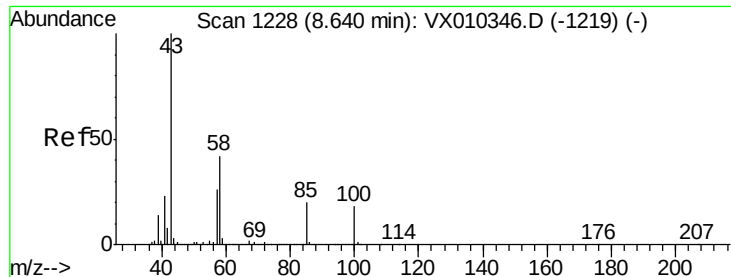
100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

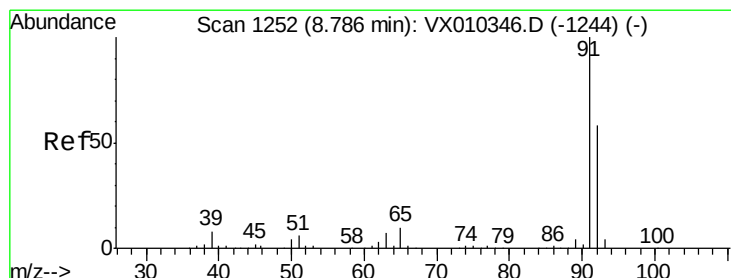
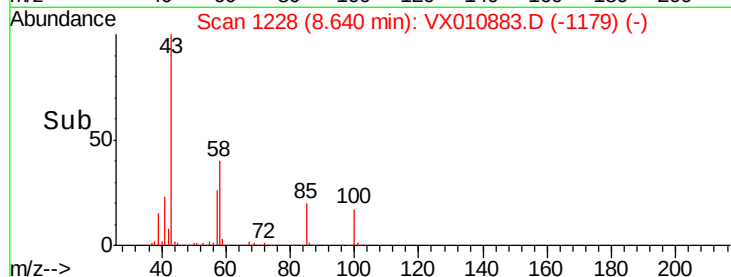
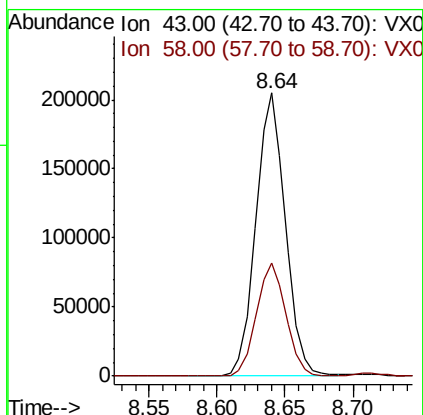
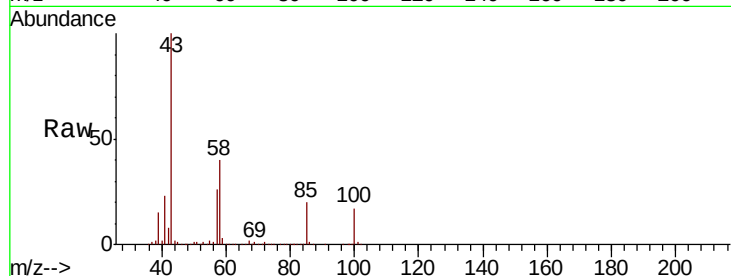




#51
 4-Methyl-2-Pentanone
 Concen: 90.816 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010883.D
 Acq: 15 Jul 2019 14:41

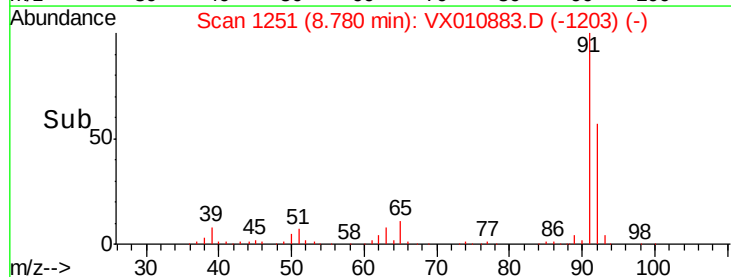
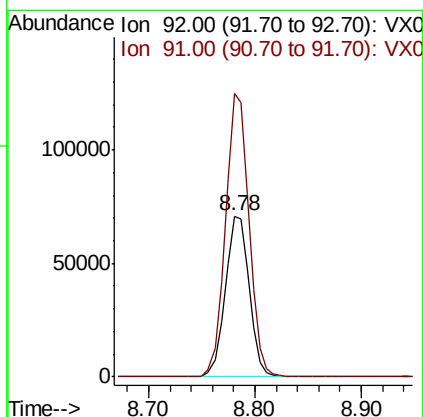
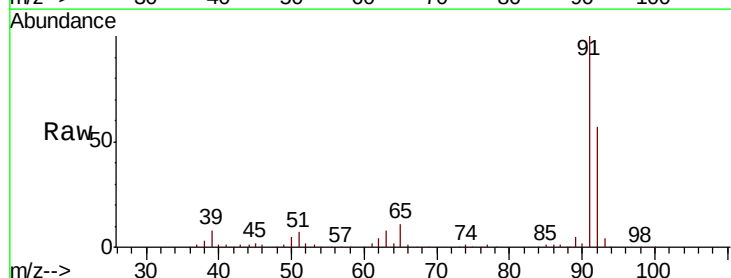
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS02

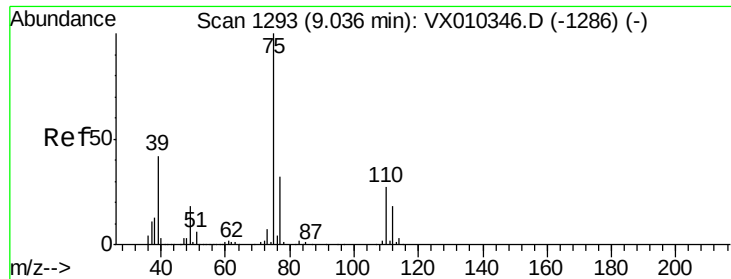
Tot Ion: 43 Resp: 312273
 Ion Ratio Lower Upper
 43 100
 58 40.1 33.5 50.3



#52
 Toluene
 Concen: 17.217 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010883.D
 Acq: 15 Jul 2019 14:41

Tgt Ion: 92 Resp: 111580
 Ion Ratio Lower Upper
 92 100
 91 173.6 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 15.808 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

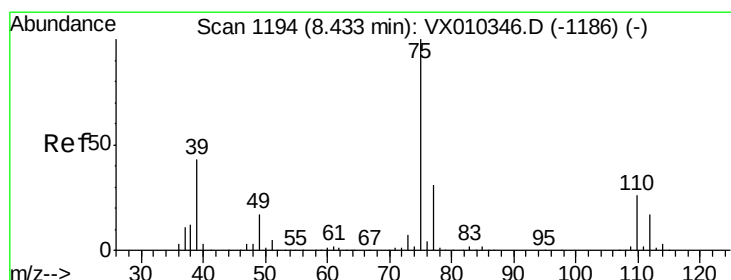
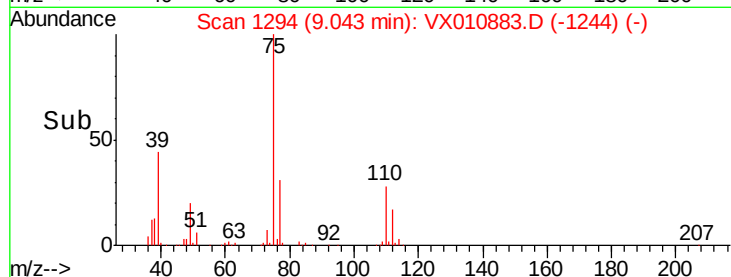
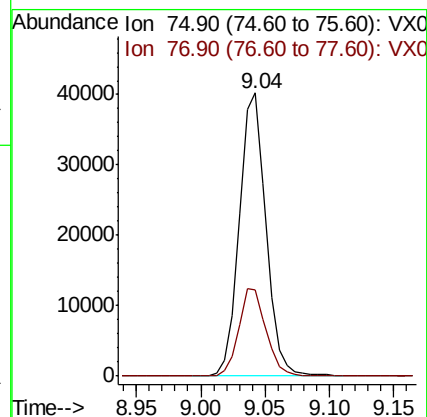
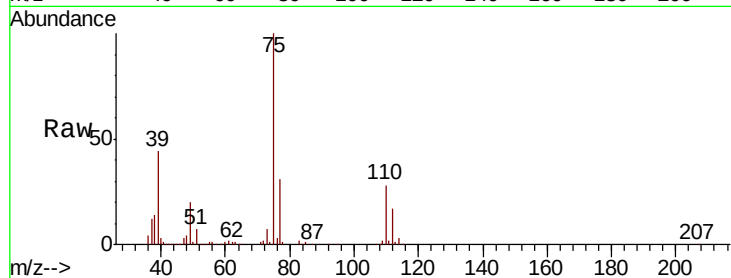
VX0715WBS02

Tot Ion: 75 Resp: 57913

Ion Ratio Lower Upper

75 100

77 30.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 16.557 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

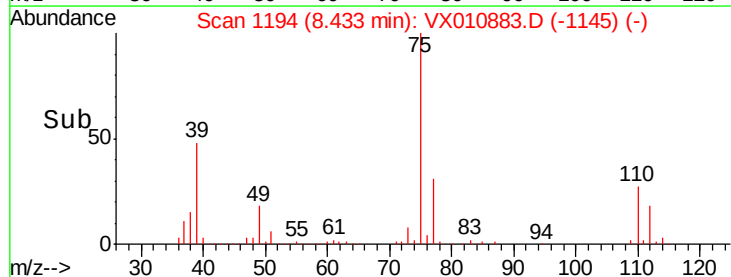
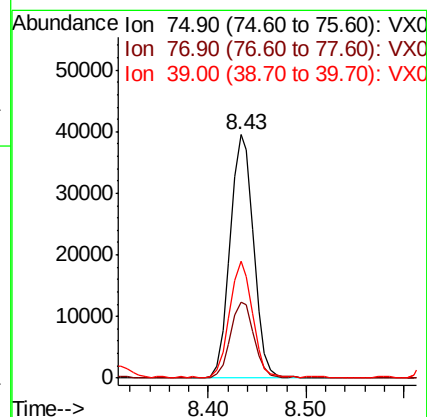
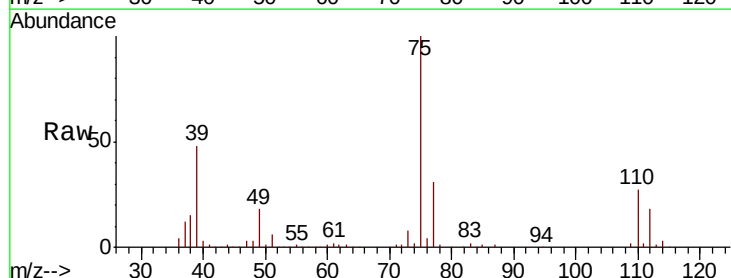
Tgt Ion: 75 Resp: 65916

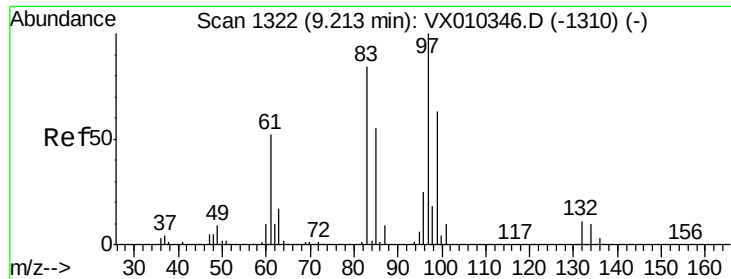
Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

39 47.5 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 17.440 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS02

Tot Ion: 97 Resp: 46612

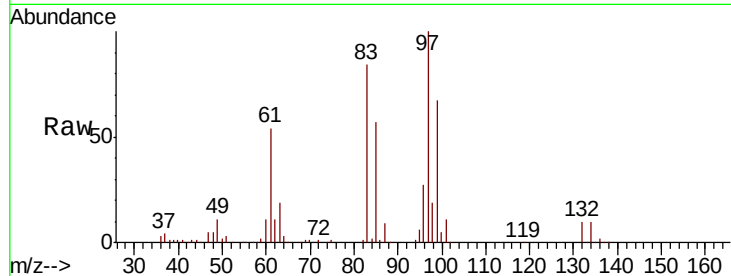
Ion Ratio Lower Upper

97 100

83 84.3 67.4 101.0

85 57.5 43.8 65.8

99 66.5 50.3 75.5

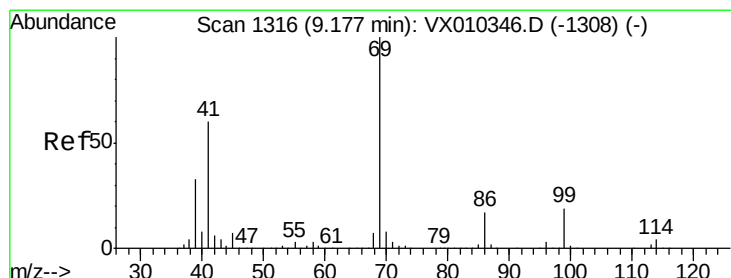
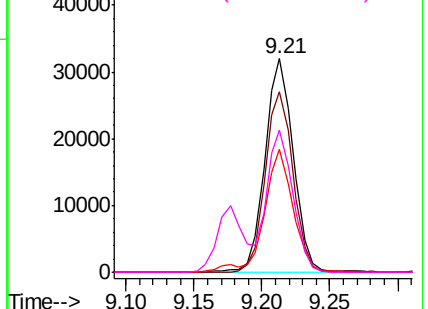
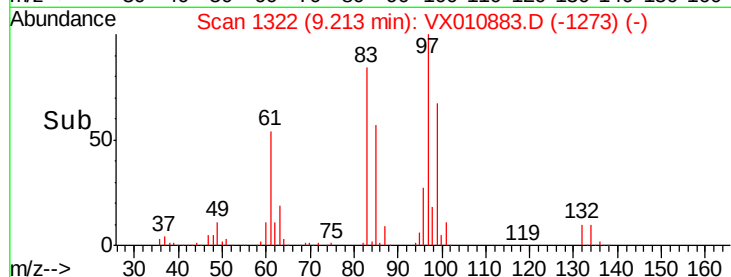


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 17.233 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

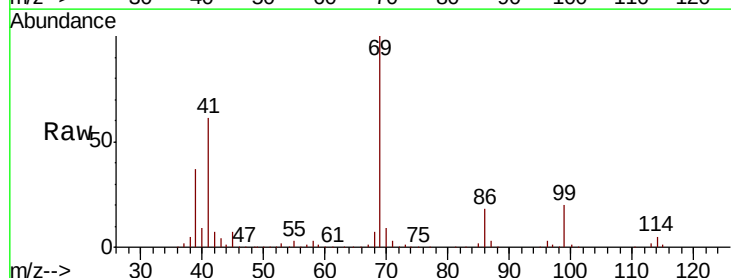
Tgt Ion: 69 Resp: 69776

Ion Ratio Lower Upper

69 100

41 61.6 47.1 70.7

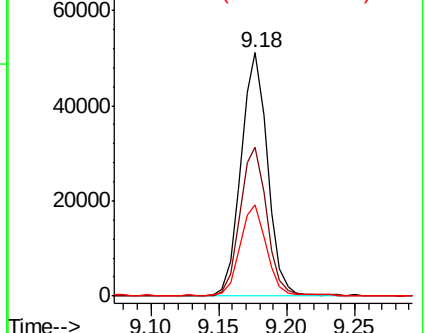
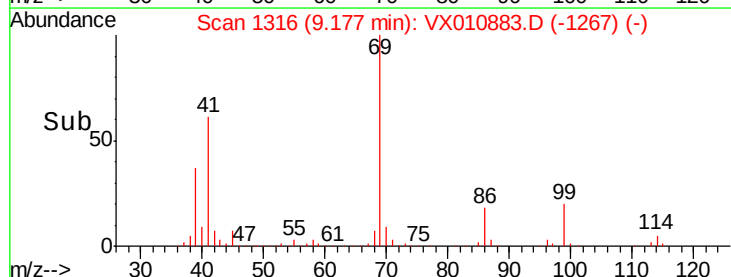
39 36.9 26.6 40.0

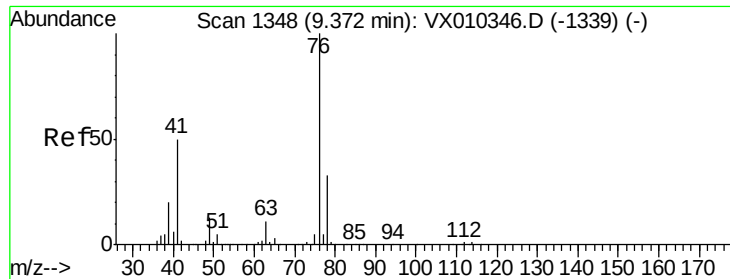


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

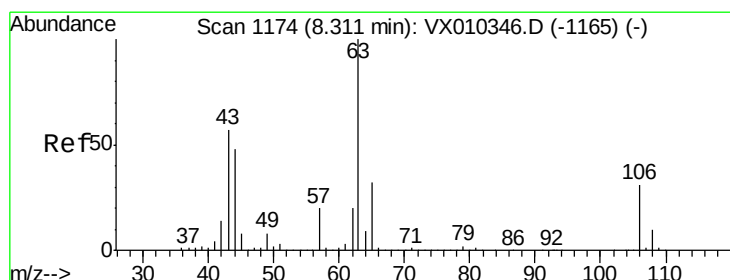
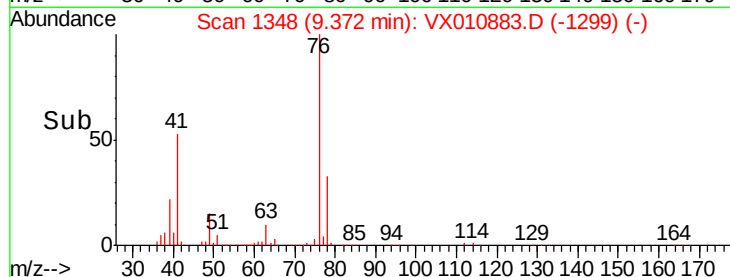
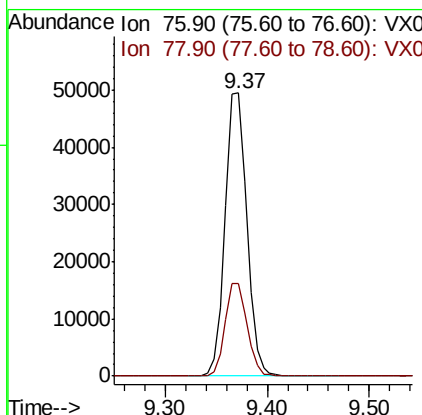
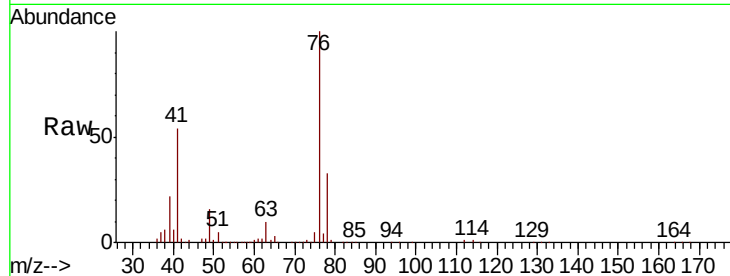




#57
 1,3-Dichloropropane
 Concen: 17.675 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010883.D
 Acq: 15 Jul 2019 14:41

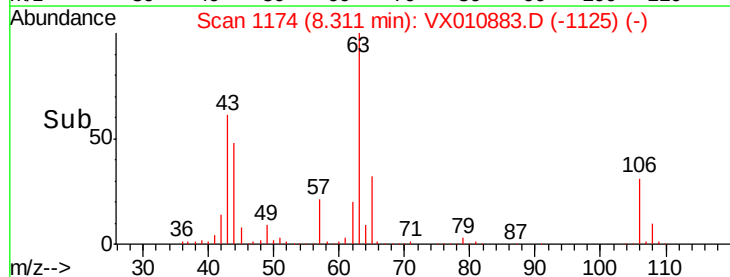
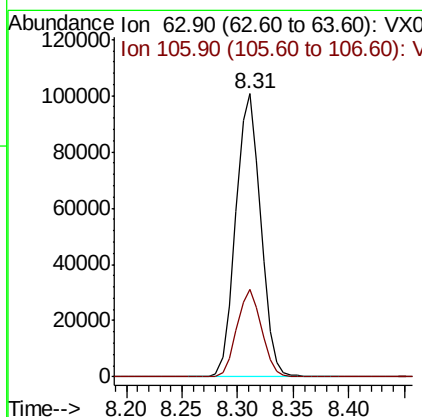
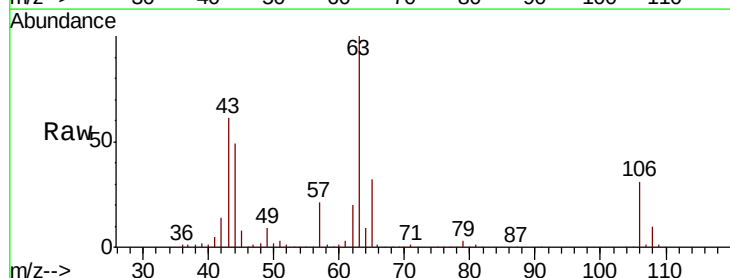
Instrument :
 MSVOA_X
 ClientSampled :
 VX0715WBS02

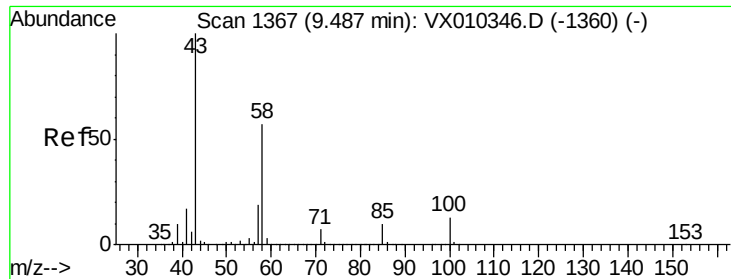
Tot Ion: 76 Resp: 73331
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 81.444 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010883.D
 Acq: 15 Jul 2019 14:41

Tgt Ion: 63 Resp: 156610
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.7 37.1

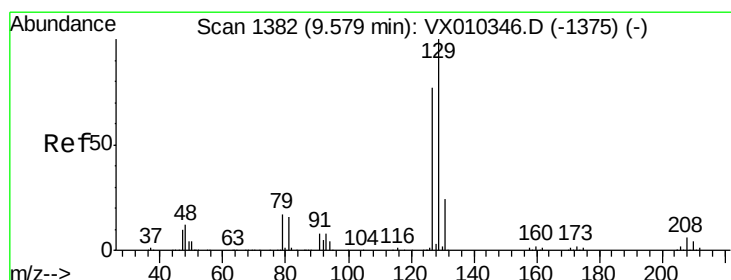
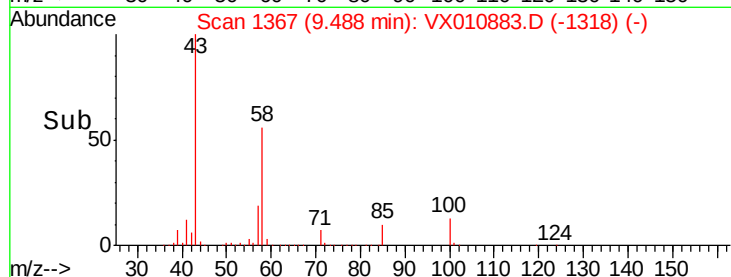
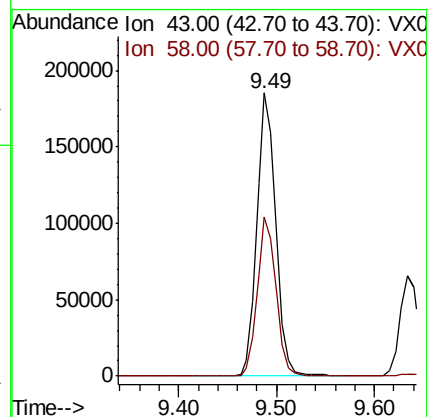
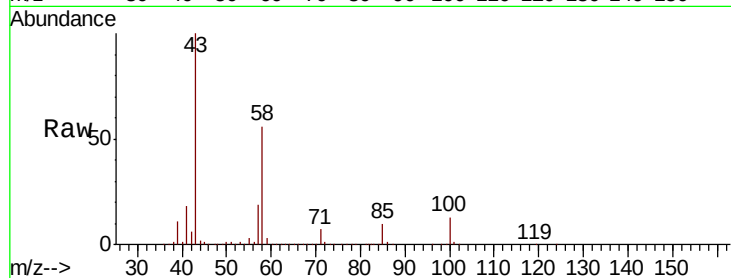




#59
2-Hexanone
Concen: 91.234 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

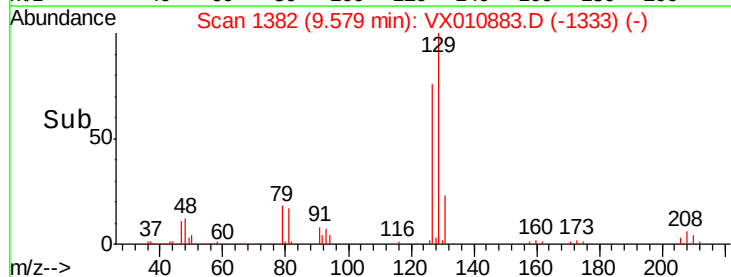
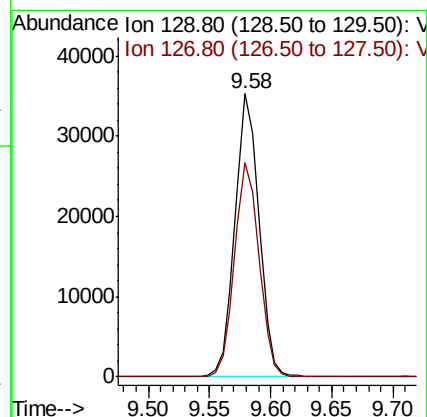
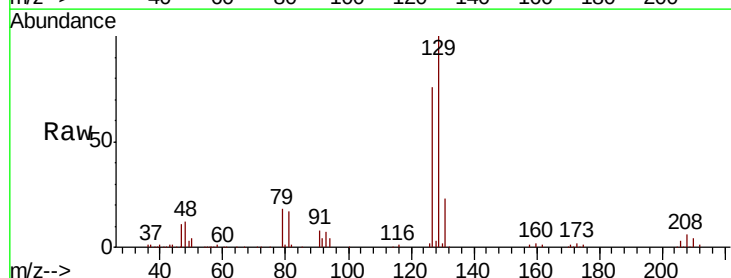
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS02

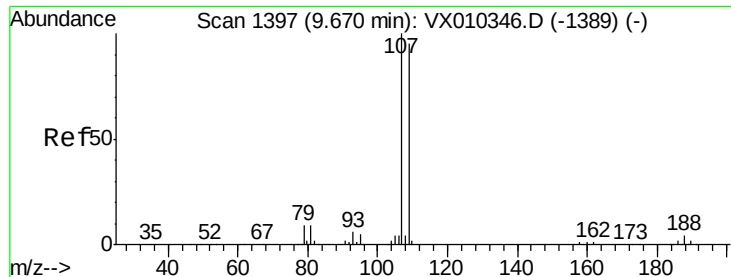
Tot Ion: 43 Resp: 246901
Ion Ratio Lower Upper
43 100
58 55.9 29.0 87.1



#60
Dibromochloromethane
Concen: 16.024 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

Tgt Ion: 129 Resp: 47954
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.1

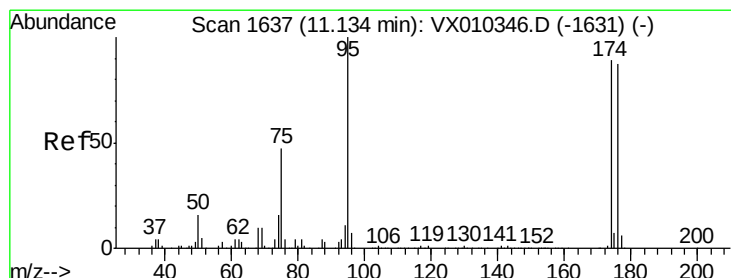
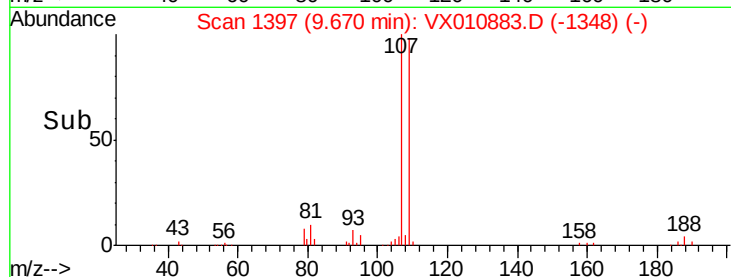
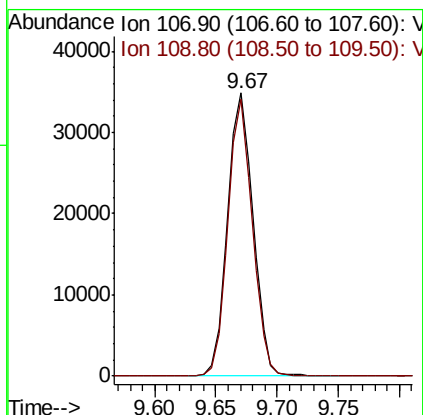
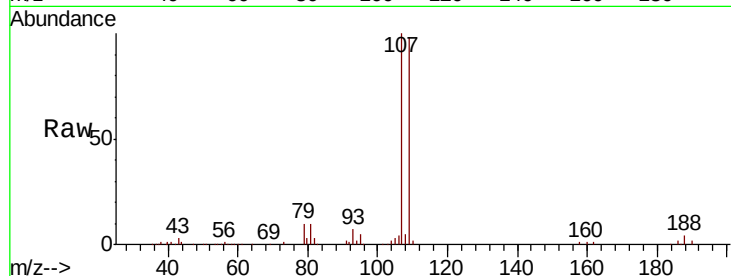




#61
 1,2-Dibromoethane
 Concen: 17.423 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010883.D
 Acq: 15 Jul 2019 14:41

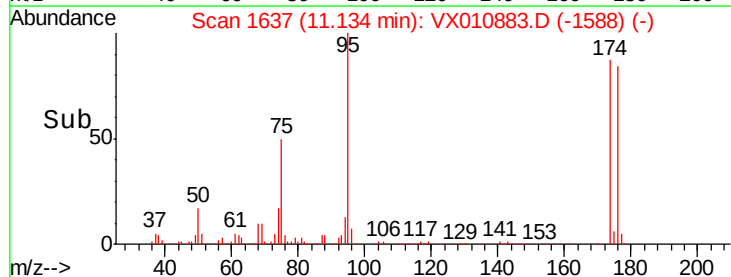
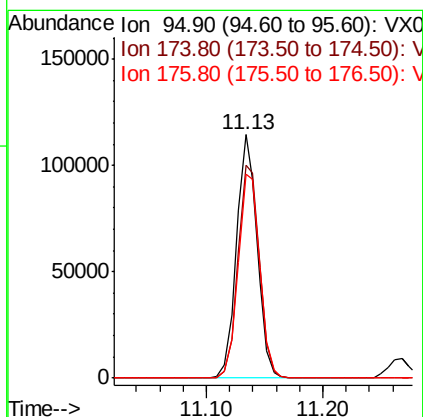
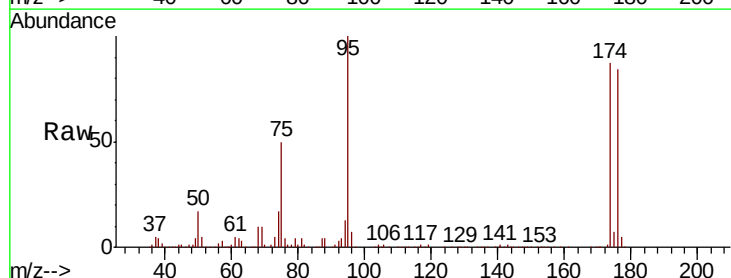
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS02

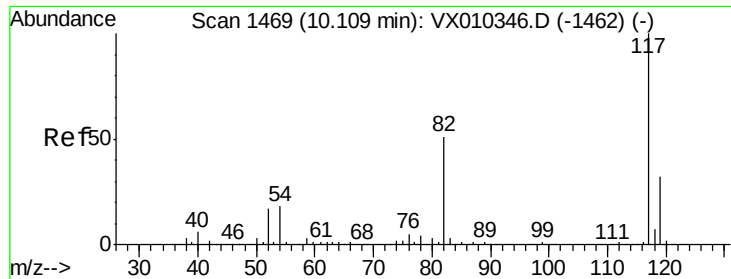
Tot Ion: 107 Resp: 50265
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 41.987 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010883.D
 Acq: 15 Jul 2019 14:41

Tgt Ion: 95 Resp: 141043
 Ion Ratio Lower Upper
 95 100
 174 91.2 0.0 187.6
 176 87.9 0.0 184.0

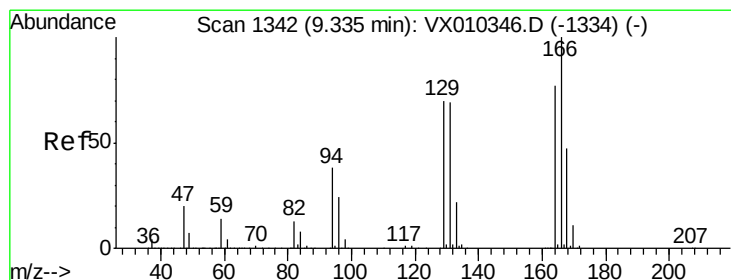
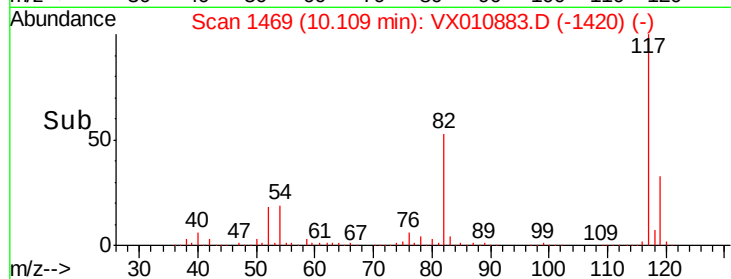
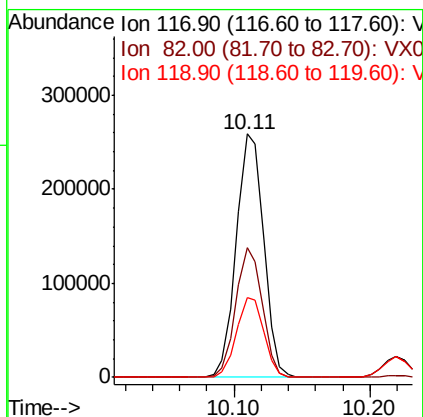
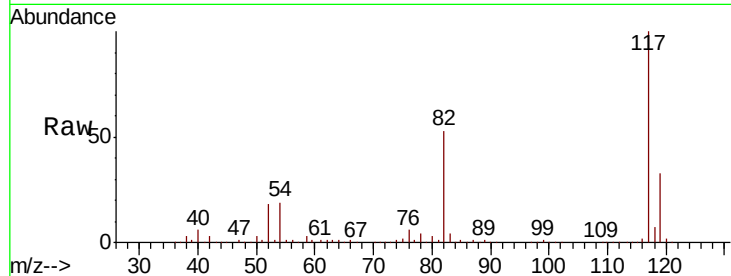




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

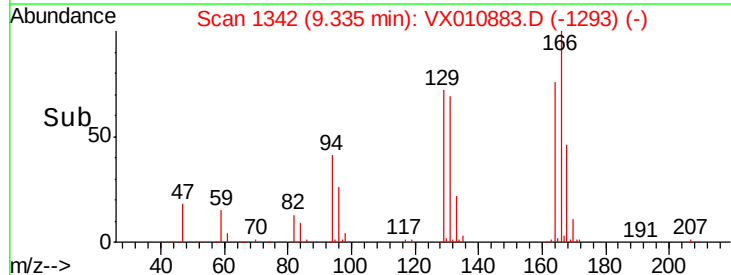
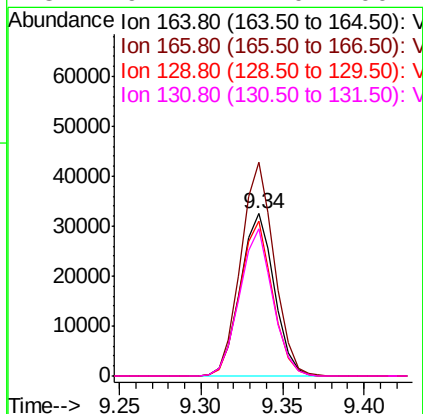
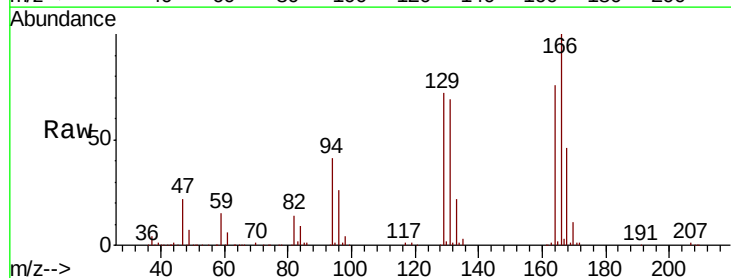
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS02

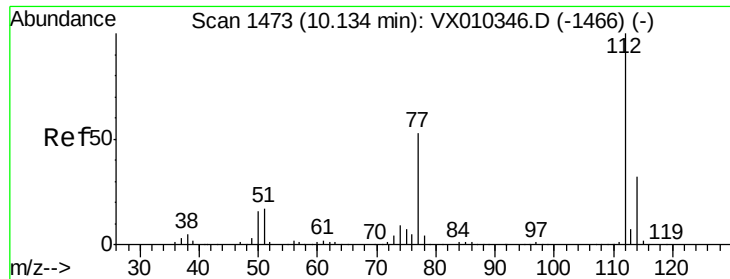
Tot Ion:117 Resp: 363478
Ion Ratio Lower Upper
117 100
82 53.2 41.2 61.8
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 16.024 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

Tgt Ion:164 Resp: 47109
Ion Ratio Lower Upper
164 100
166 131.8 103.6 155.4
129 95.2 73.0 109.4
131 91.2 71.0 106.4

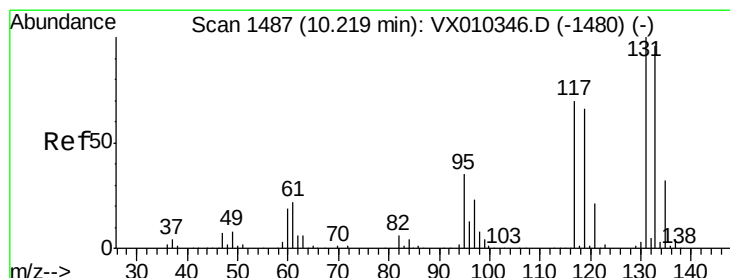
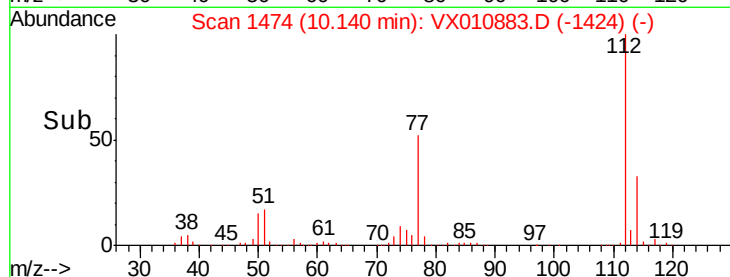
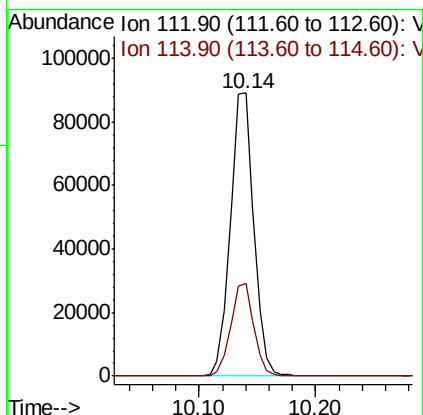
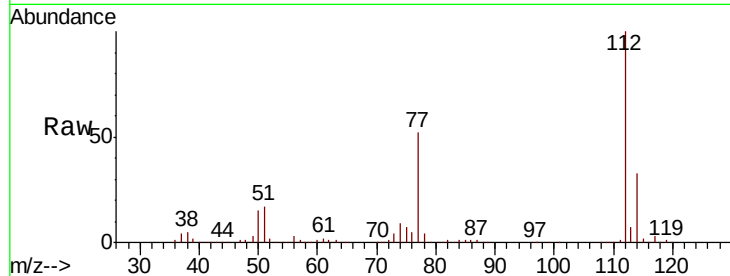




#65
Chlorobenzene
Concen: 16.955 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

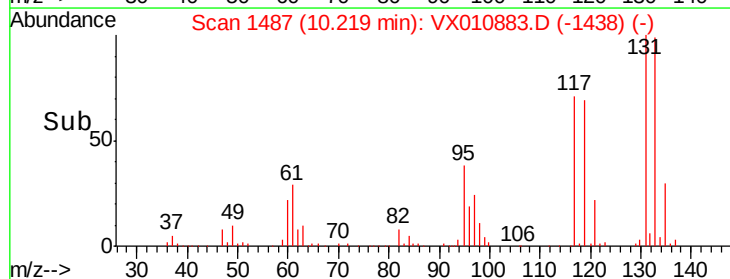
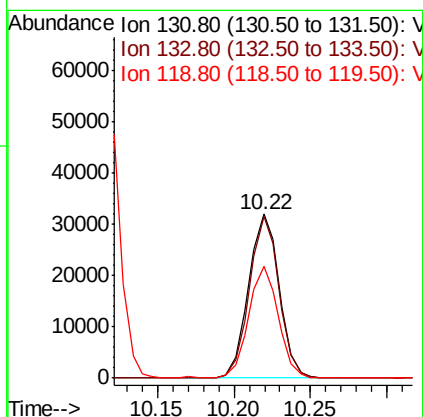
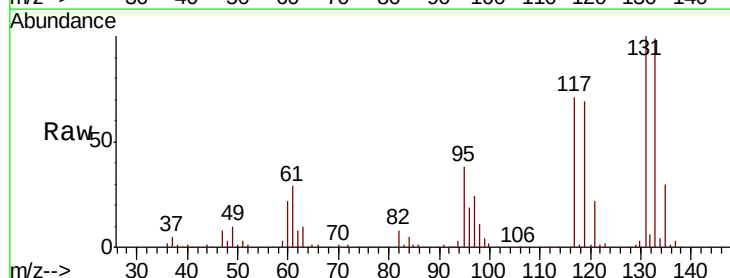
Instrument :
MSVOA_X
ClientSampled :
VX0715WBS02

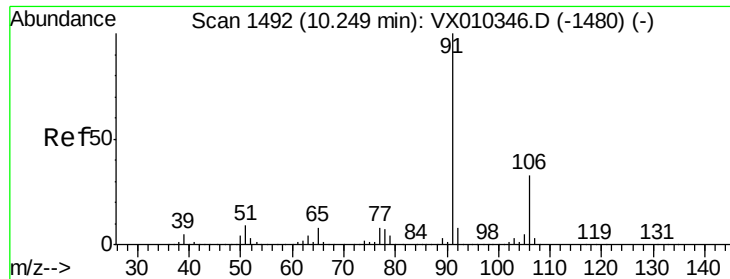
Tot Ion:112 Resp: 125117
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 16.540 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

Tgt Ion:131 Resp: 44458
Ion Ratio Lower Upper
131 100
133 95.9 47.7 143.1
119 66.4 32.6 97.7





#67

Ethyl Benzene

Concen: 17.184 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampled :

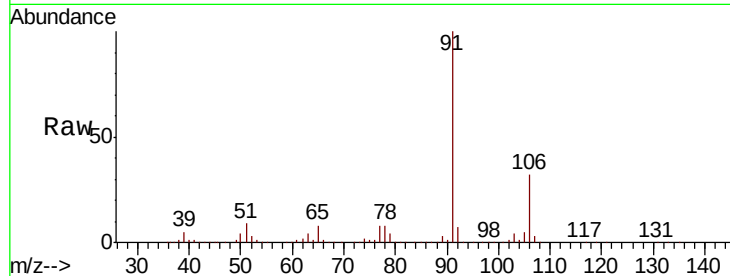
VX0715WBS02

Tot Ion: 91 Resp: 214082

Ion Ratio Lower Upper

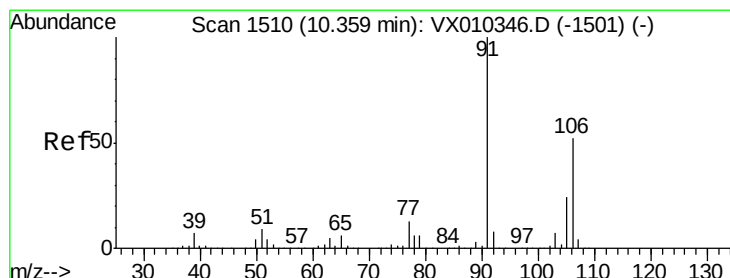
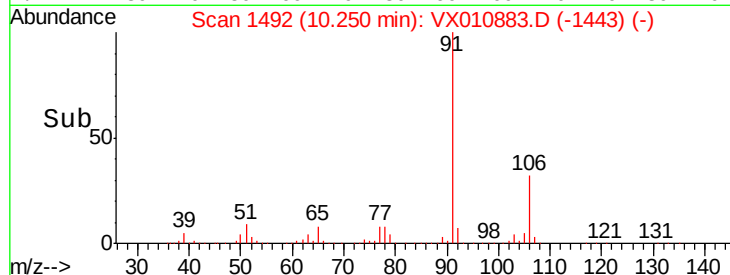
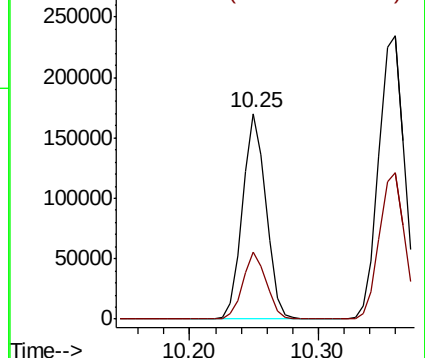
91 100

106 32.4 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 34.158 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010883.D

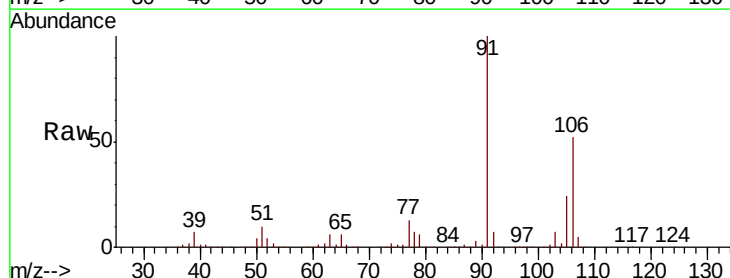
Acq: 15 Jul 2019 14:41

Tgt Ion: 106 Resp: 164883

Ion Ratio Lower Upper

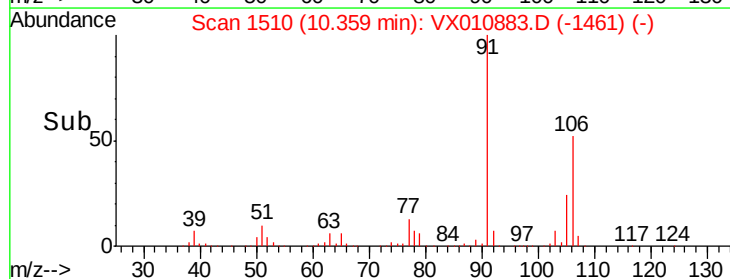
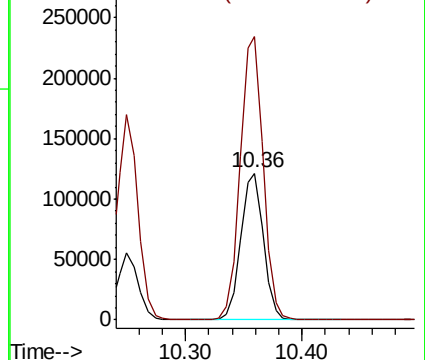
106 100

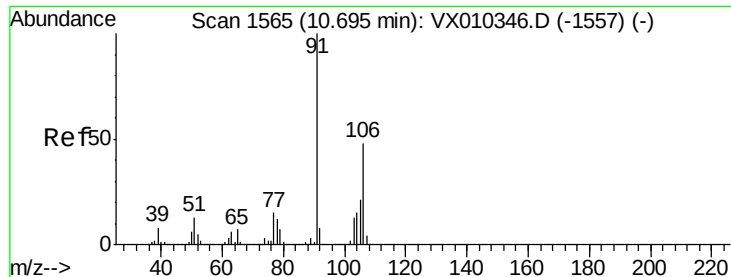
91 195.3 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

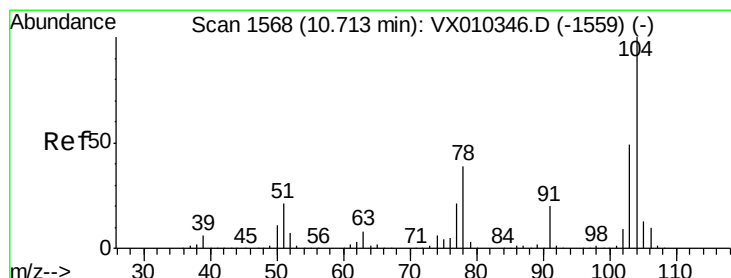
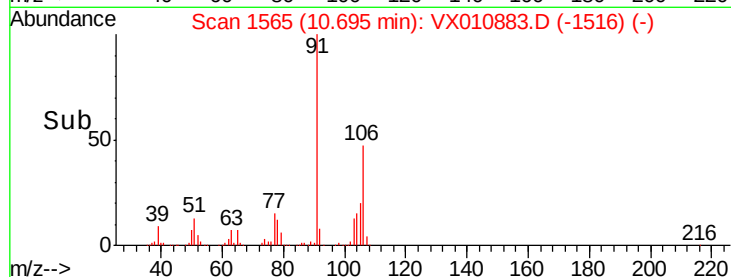
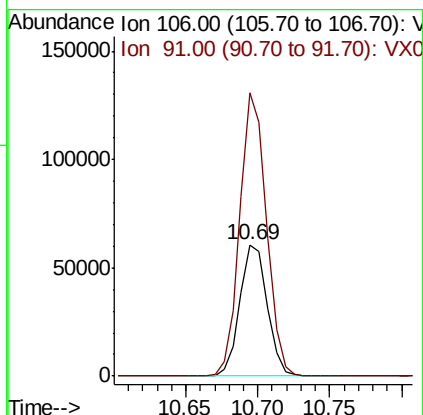
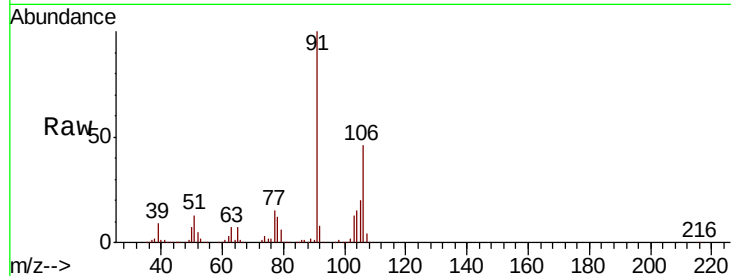




#69
o-Xylene
Concen: 16.961 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

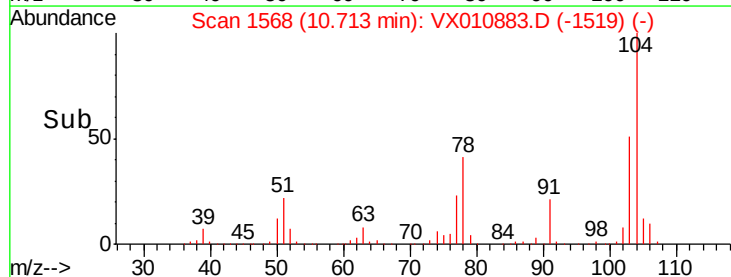
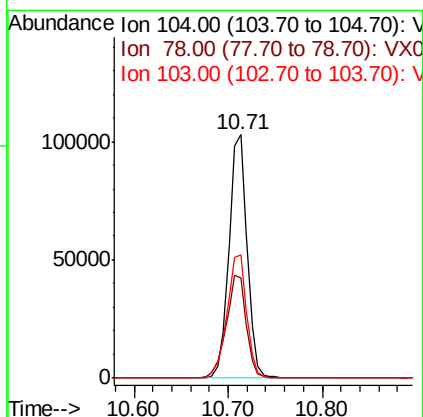
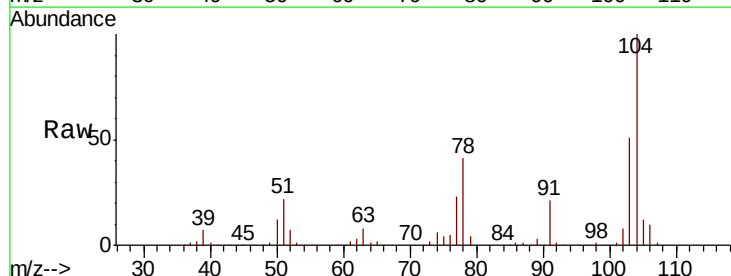
Instrument :
MSVOA_X
ClientSampled :
VX0715WBS02

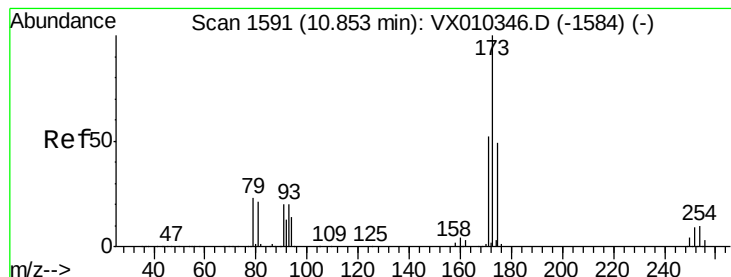
Tot Ion:106 Resp: 80512
Ion Ratio Lower Upper
106 100
91 208.8 102.7 308.1



#70
Styrene
Concen: 17.246 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

Tgt Ion:104 Resp: 137295
Ion Ratio Lower Upper
104 100
78 46.7 36.2 54.2
103 55.1 44.2 66.4





#71

Bromoform

Concen: 15.030 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS02

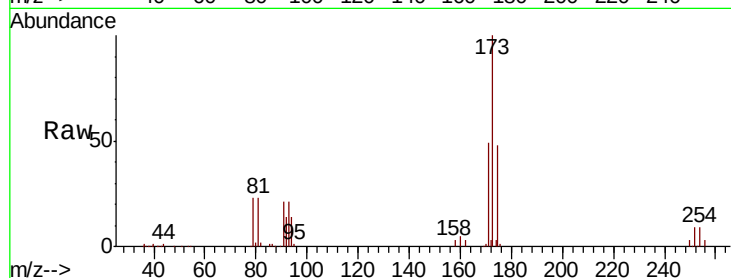
Tot Ion:173 Resp: 35132

Ion Ratio Lower Upper

173 100

175 47.9 24.1 72.3

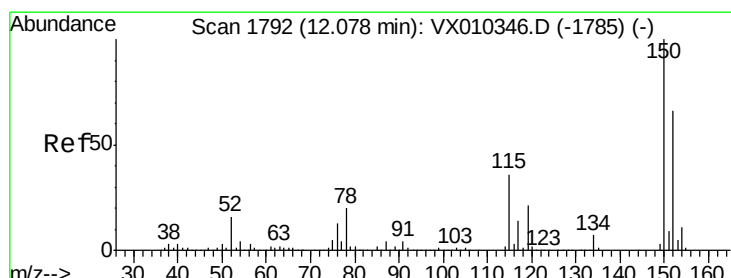
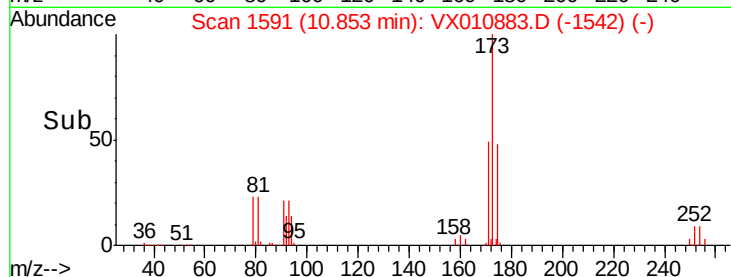
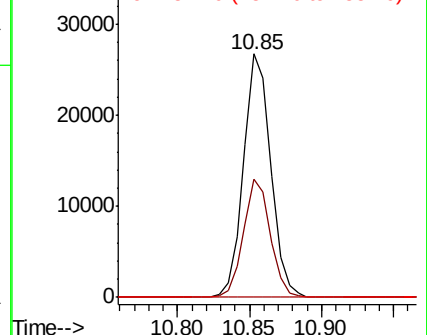
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

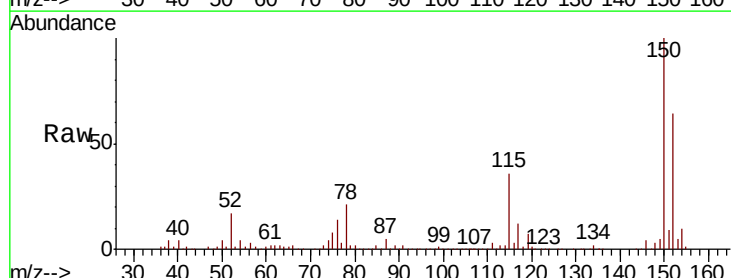
Tgt Ion:152 Resp: 184807

Ion Ratio Lower Upper

152 100

115 64.9 38.6 115.7

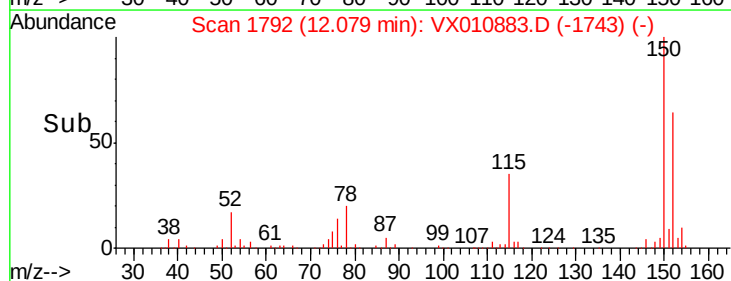
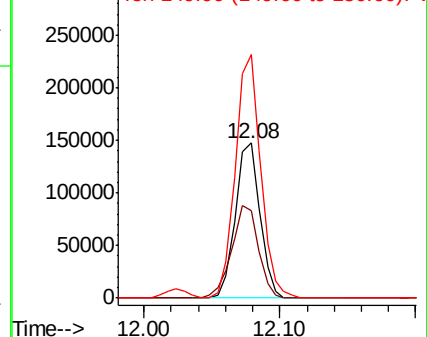
150 161.8 0.0 347.4

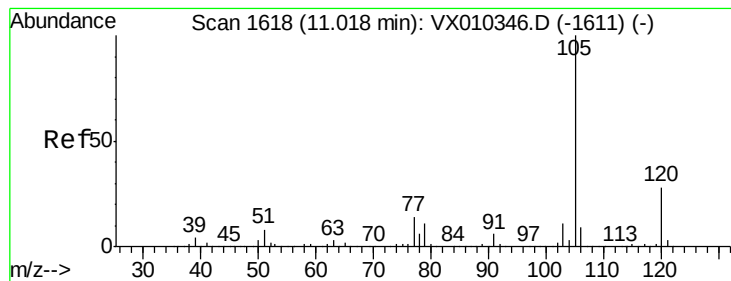


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.413 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

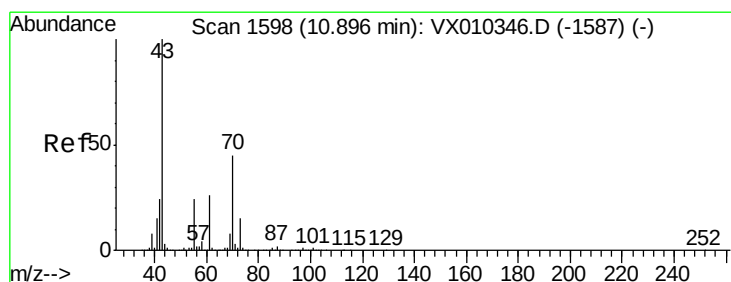
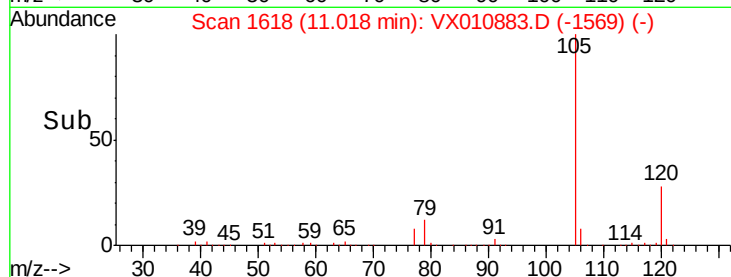
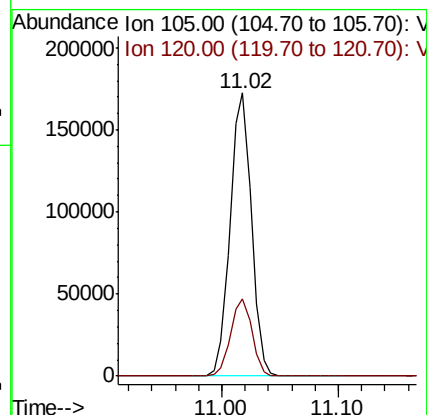
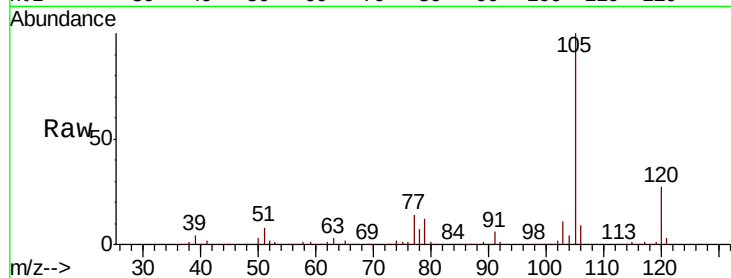
VX0715WBS02

Tot Ion:105 Resp: 218142

Ion Ratio Lower Upper

105 100

120 27.3 14.1 42.4



#74

N-ethyl acetate

Concen: 17.950 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Tgt Ion: 43 Resp: 84986

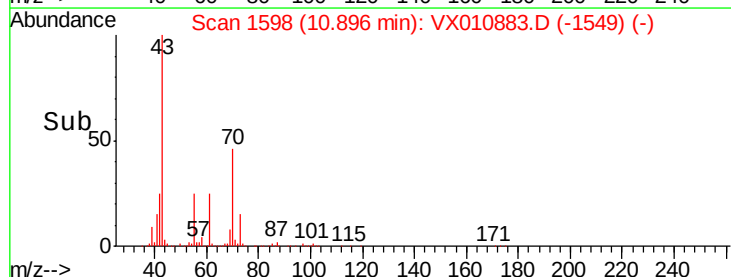
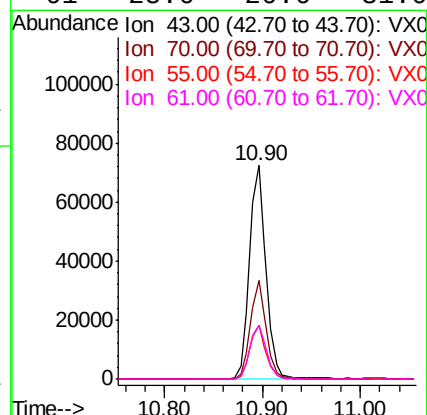
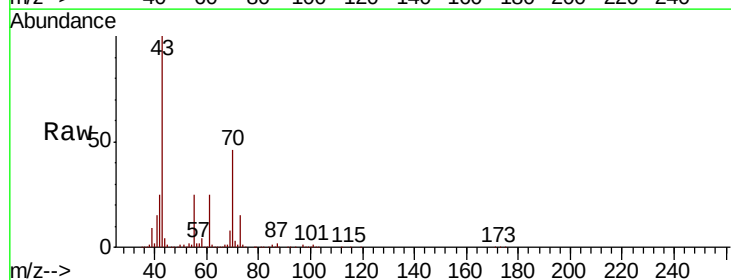
Ion Ratio Lower Upper

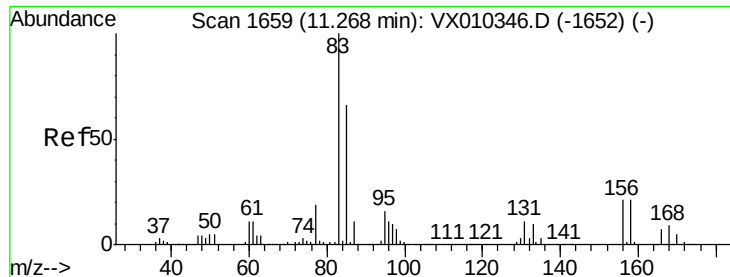
43 100

70 43.8 36.6 54.8

55 24.0 18.7 28.1

61 25.6 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.580 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS02

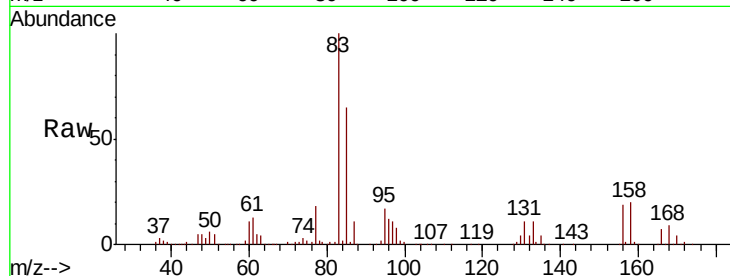
Tot Ion: 83 Resp: 72935

Ion Ratio Lower Upper

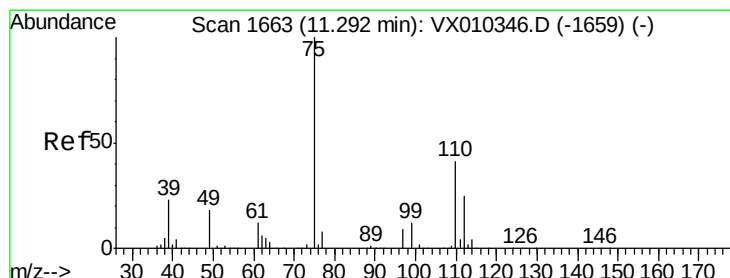
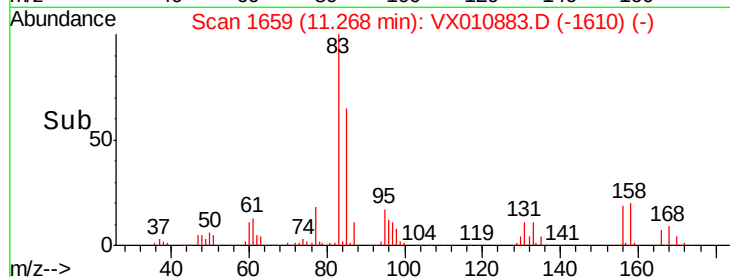
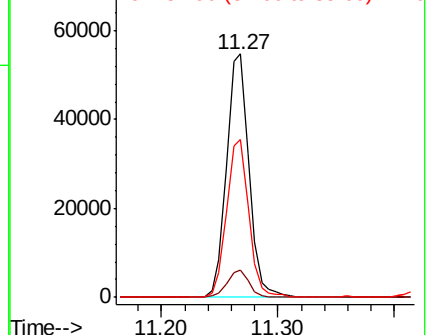
83 100

131 10.9 5.5 16.4

85 64.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.573 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010883.D

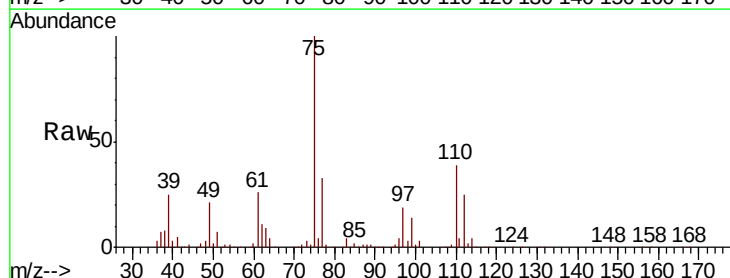
Acq: 15 Jul 2019 14:41

Tgt Ion: 75 Resp: 76020

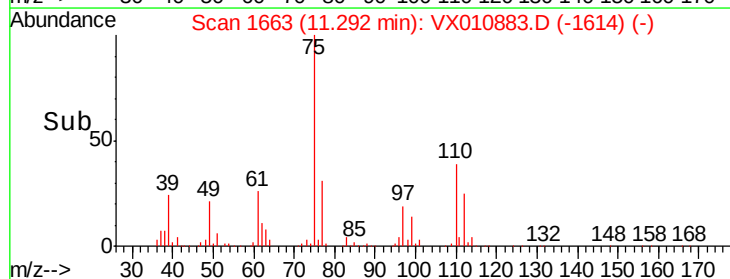
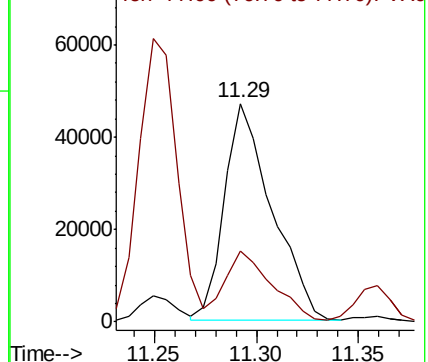
Ion Ratio Lower Upper

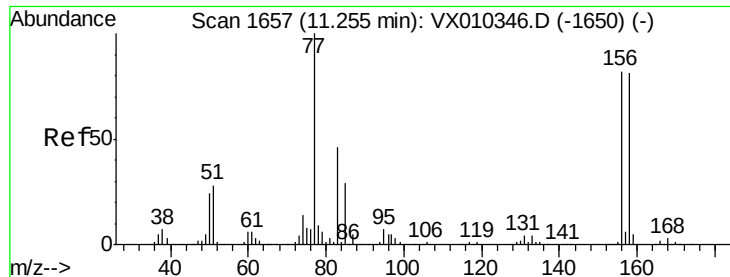
75 100

77 33.0 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.853 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS02

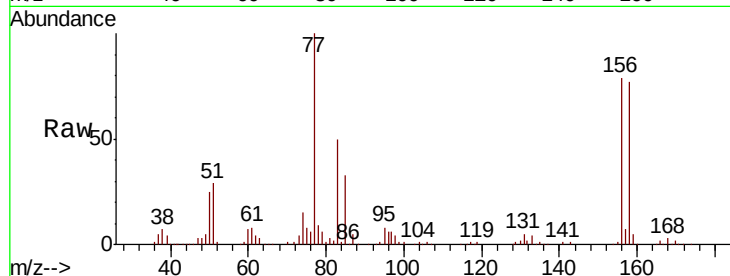
Tot Ion:156 Resp: 58952

Ion Ratio Lower Upper

156 100

77 136.0 66.3 198.7

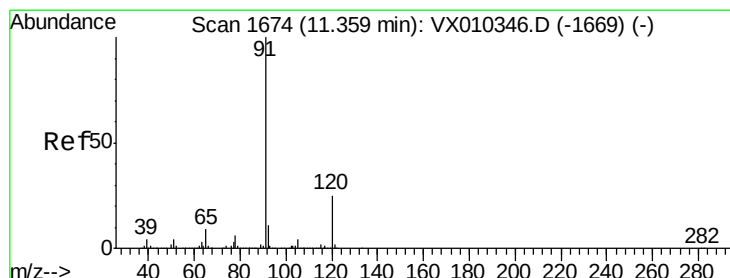
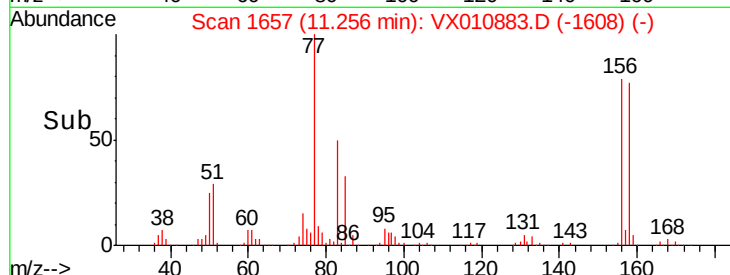
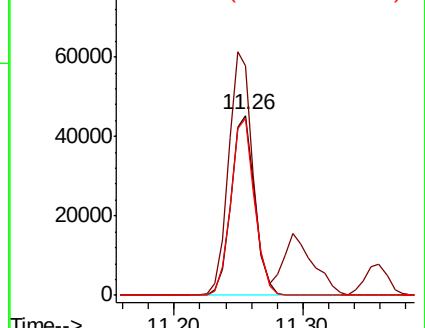
158 97.7 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.611 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010883.D

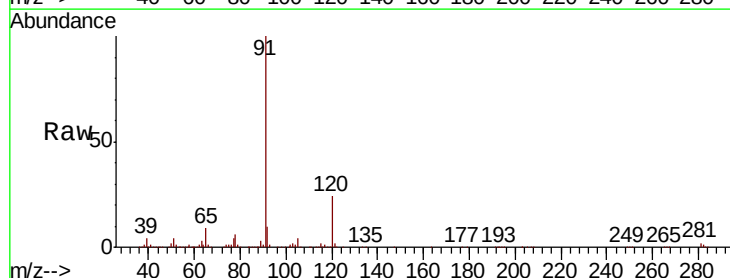
Acq: 15 Jul 2019 14:41

Tgt Ion: 91 Resp: 242473

Ion Ratio Lower Upper

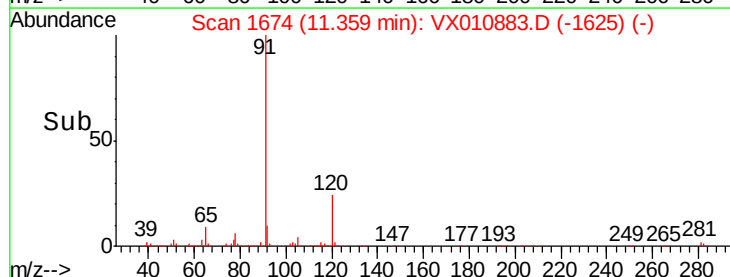
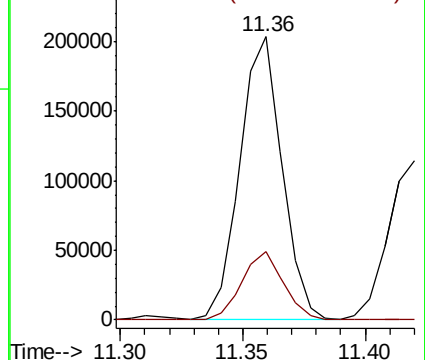
91 100

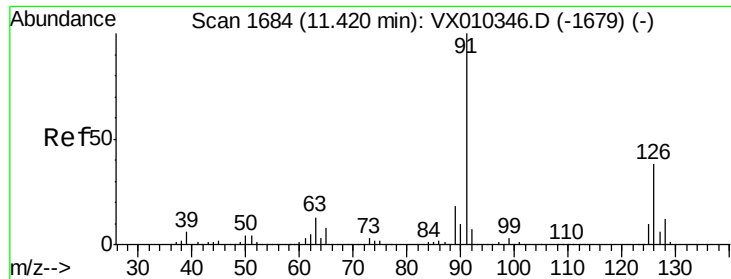
120 24.3 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

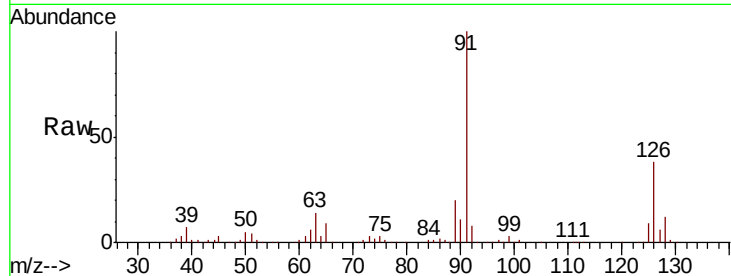




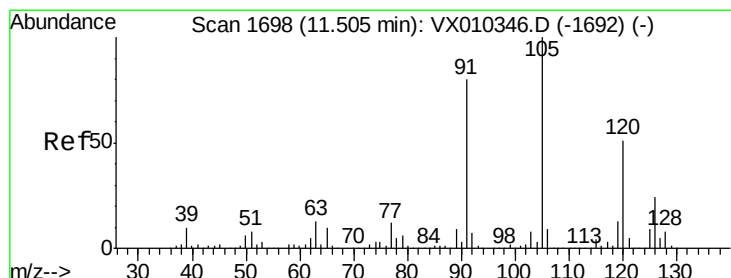
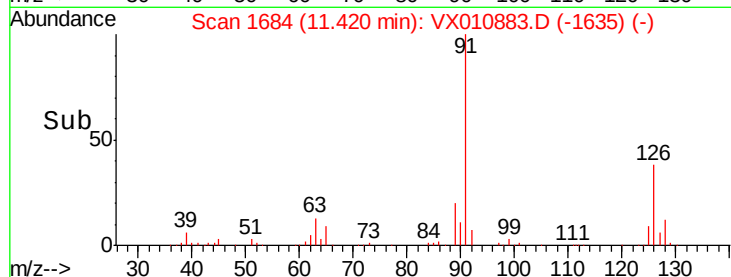
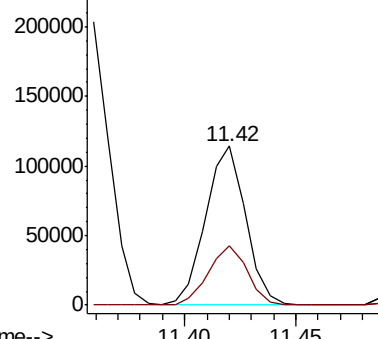
#79
2-Chlorotoluene
Concen: 17.428 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS02

Tot Ion: 91 Resp: 142889
Ion Ratio Lower Upper
91 100
126 37.0 18.7 56.1

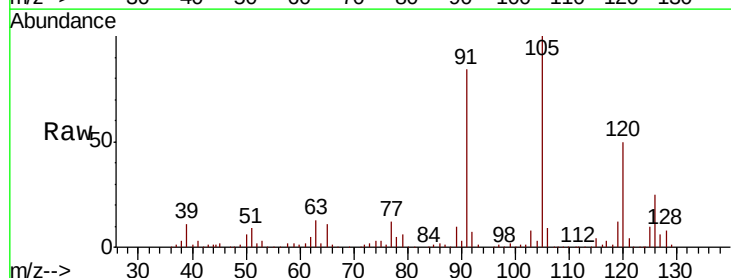


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

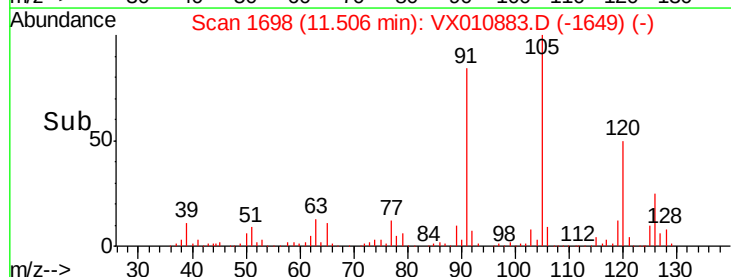
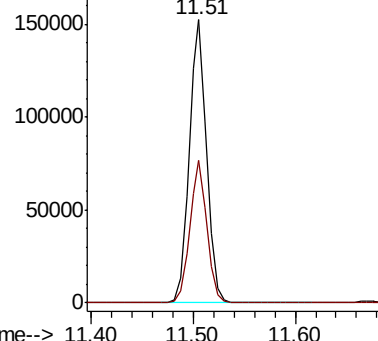


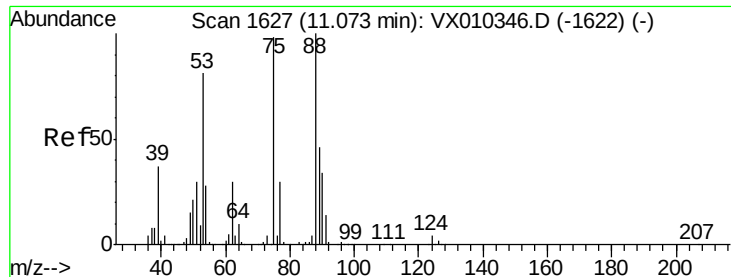
#80
1,3,5-Trimethylbenzene
Concen: 17.640 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

Tgt Ion: 105 Resp: 182182
Ion Ratio Lower Upper
105 100
120 49.3 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

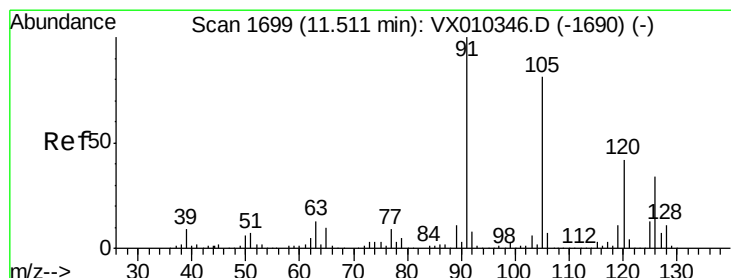
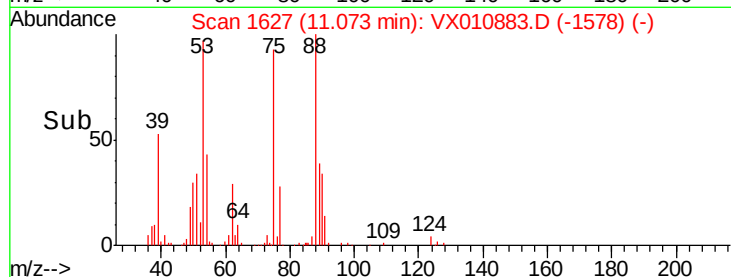
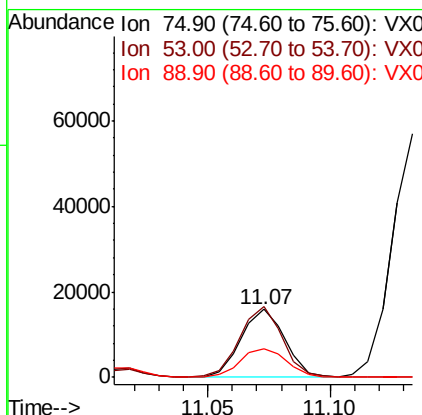
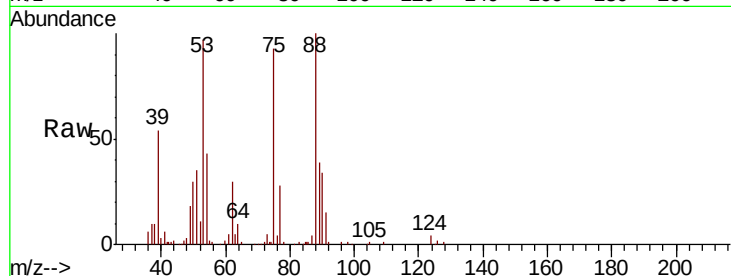




#81
trans-1,4-Dichloro-2-butene
Concen: 13.627 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

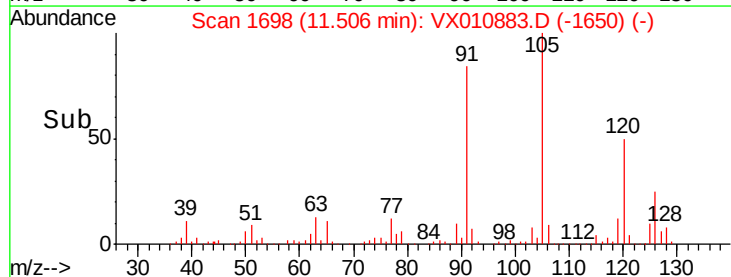
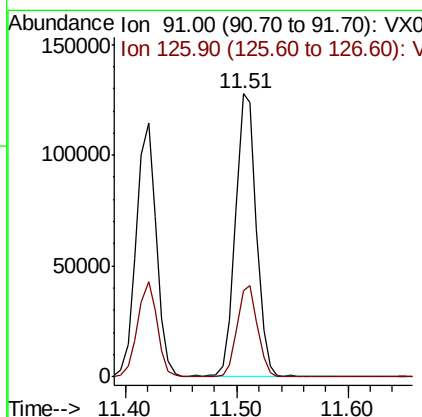
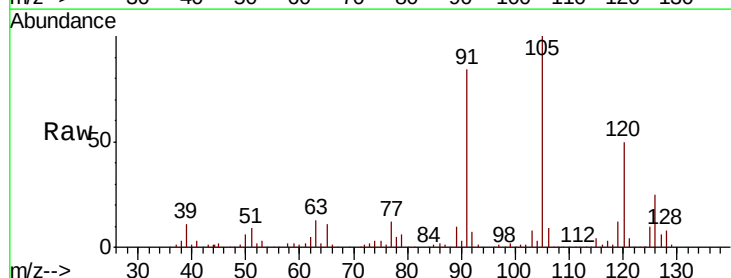
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS02

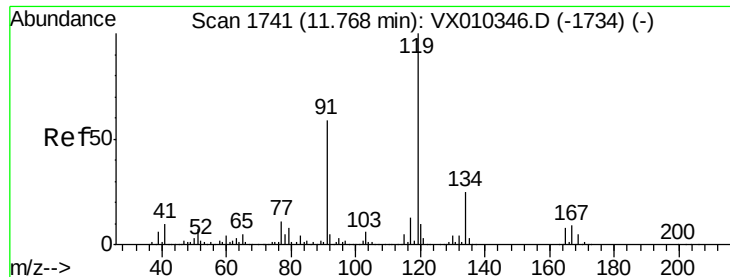
Tot Ion: 75 Resp: 19671
Ion Ratio Lower Upper
75 100
53 103.8 66.1 99.1#
89 46.0 37.8 56.6



#82
4-Chlorotoluene
Concen: 17.798 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

Tgt Ion: 91 Resp: 166040
Ion Ratio Lower Upper
91 100
126 31.5 16.2 48.6

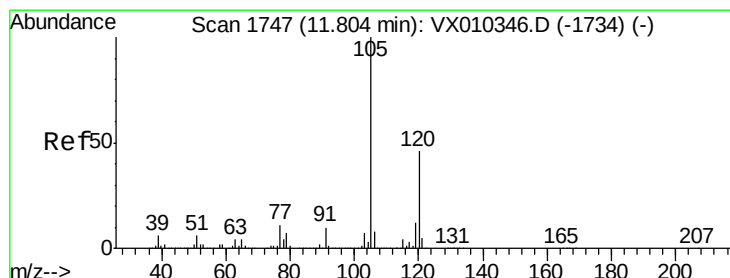
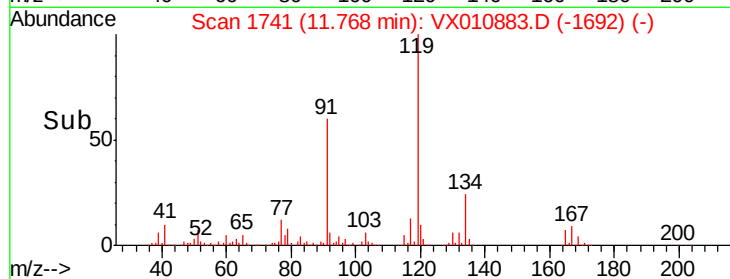
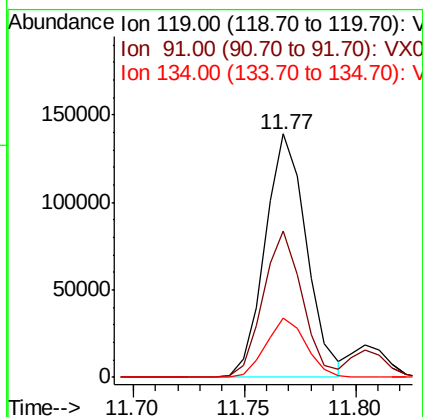
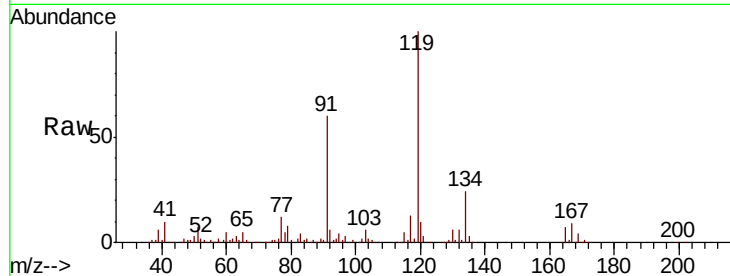




#83
 tert-Butylbenzene
 Concen: 17.333 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010883.D
 Acq: 15 Jul 2019 14:41

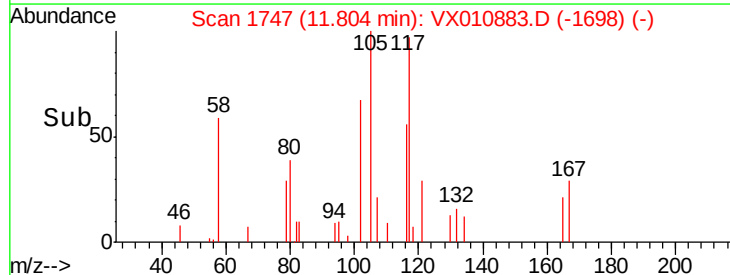
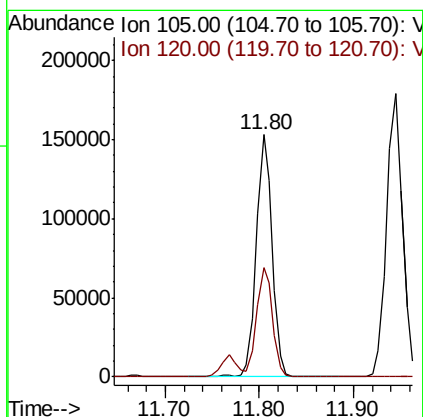
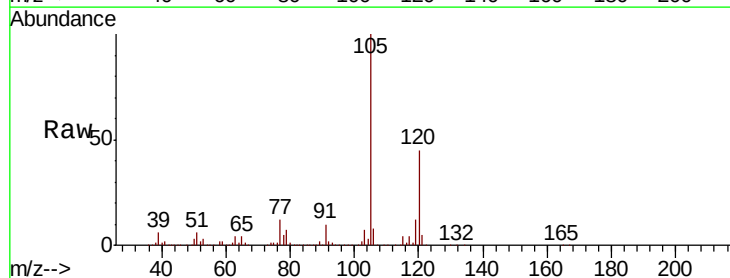
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS02

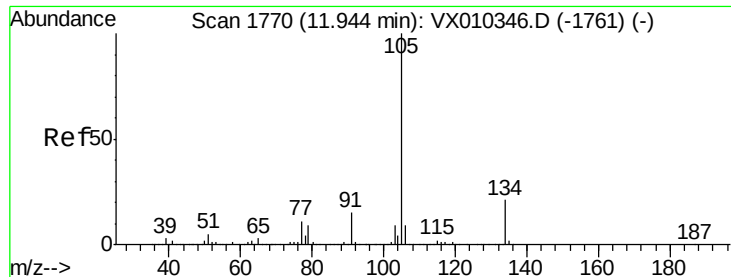
Tot Ion:119 Resp: 179665
 Ion Ratio Lower Upper
 119 100
 91 57.2 27.6 82.7
 134 23.7 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 17.638 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010883.D
 Acq: 15 Jul 2019 14:41

Tgt Ion:105 Resp: 183010
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 17.402 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

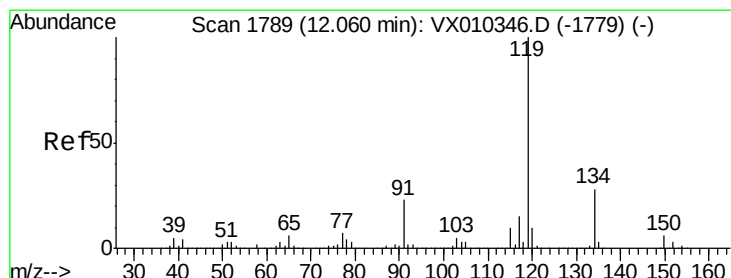
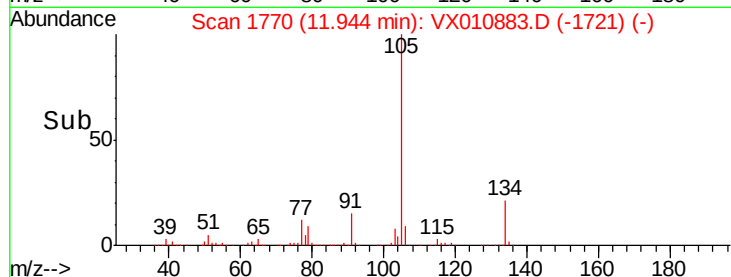
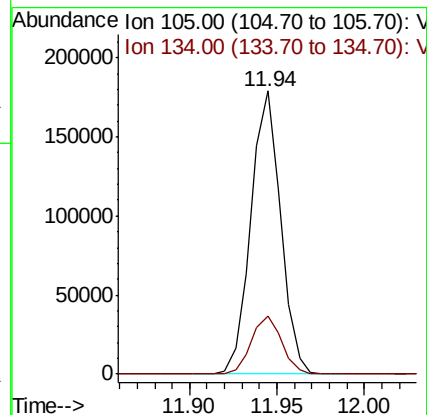
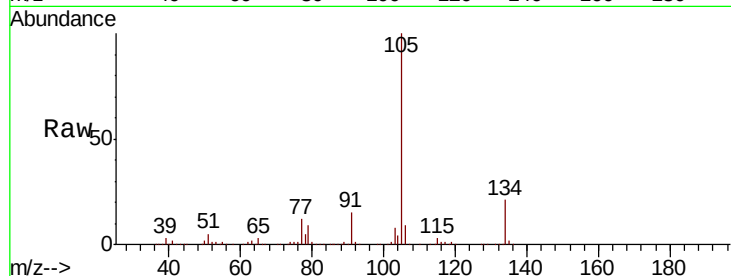
VX0715WBS02

Tot Ion:105 Resp: 211792

Ion Ratio Lower Upper

105 100

134 20.9 10.7 31.9



#86

p-Isopropyltoluene

Concen: 17.158 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

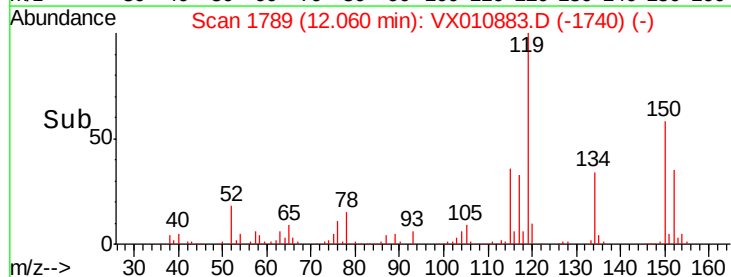
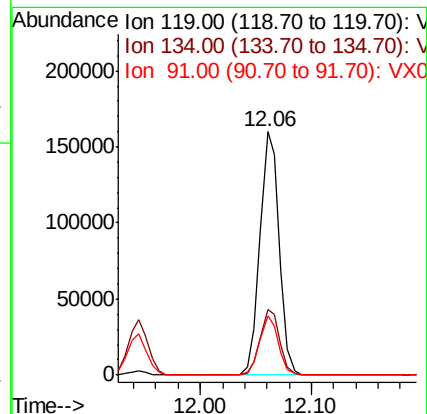
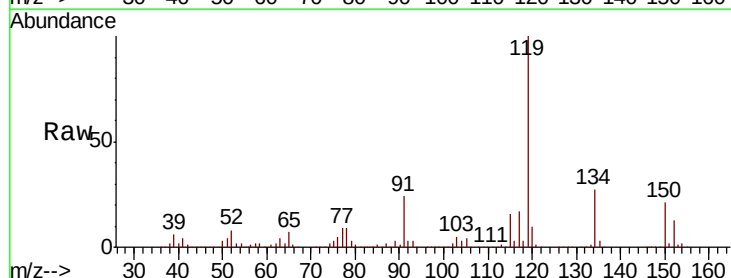
Tgt Ion:119 Resp: 193160

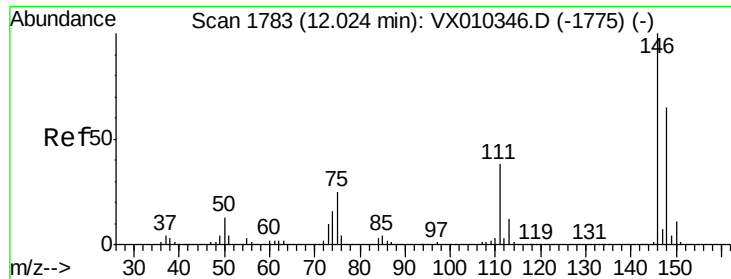
Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.1

91 23.8 11.3 33.8

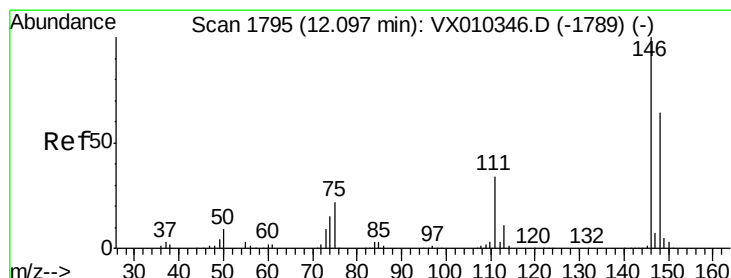
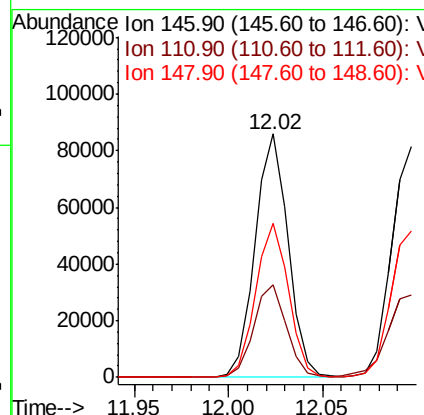
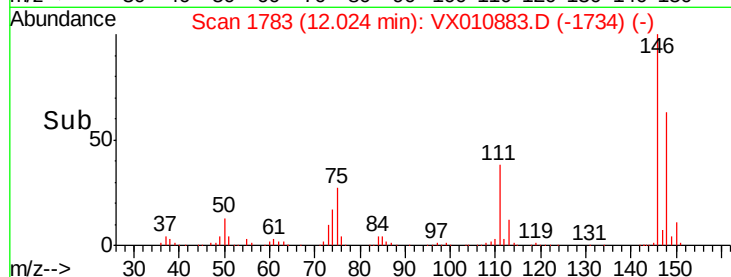
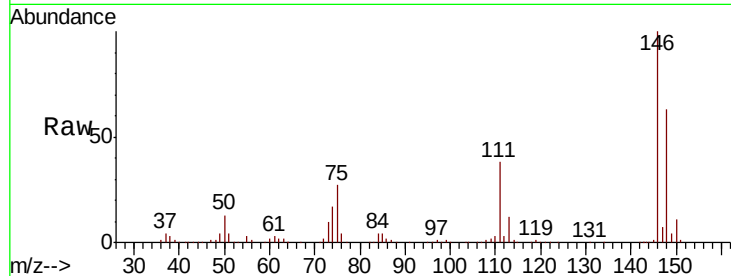




#87
 1,3-Dichlorobenzene
 Concen: 17.031 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010883.D
 Acq: 15 Jul 2019 14:41

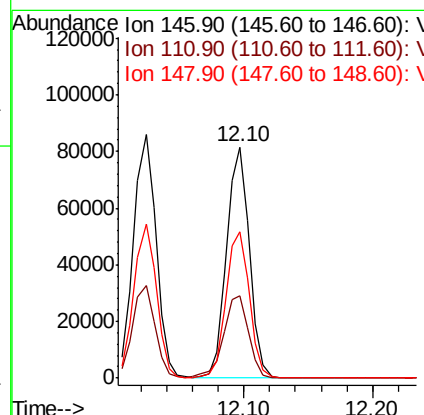
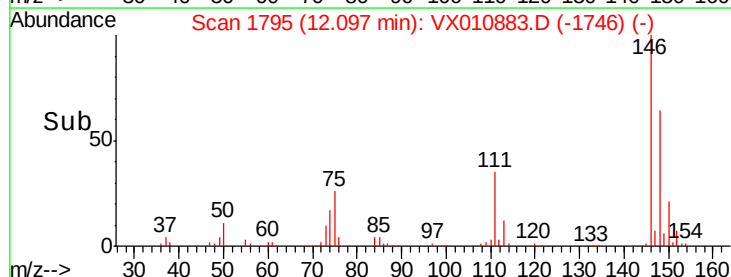
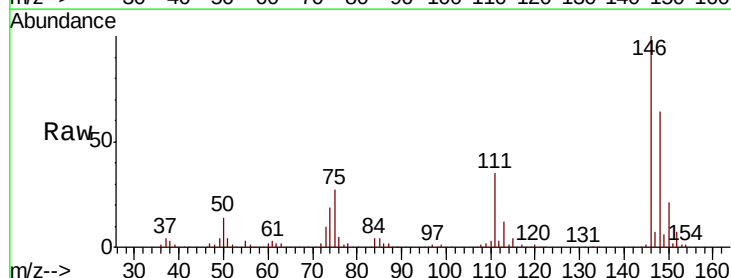
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS02

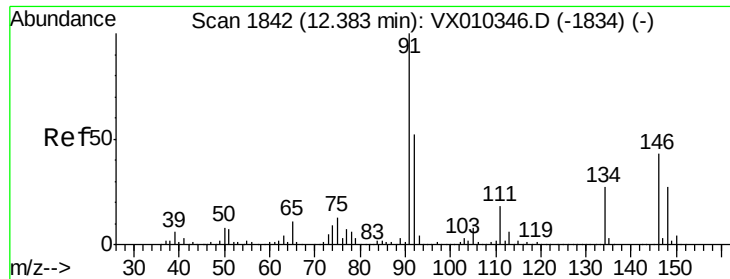
Tot Ion:146 Resp: 103991
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.1
 148 63.1 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 16.488 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010883.D
 Acq: 15 Jul 2019 14:41

Tgt Ion:146 Resp: 102496
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.1 54.3
 148 65.0 32.1 96.3

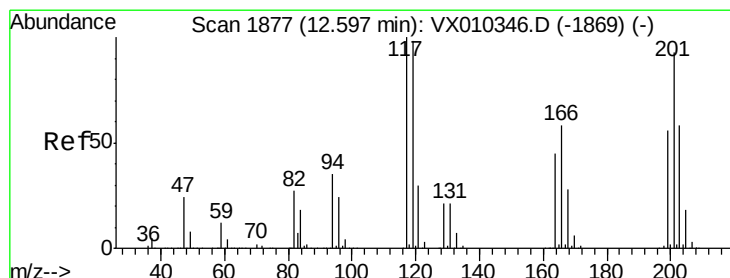
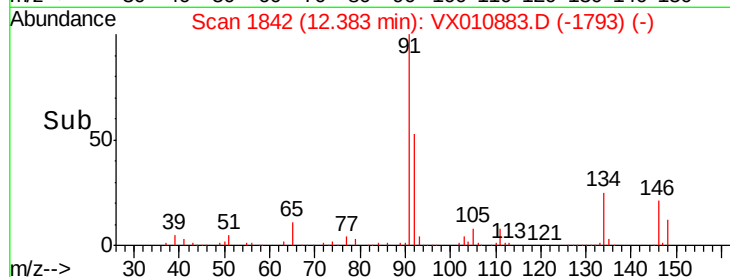
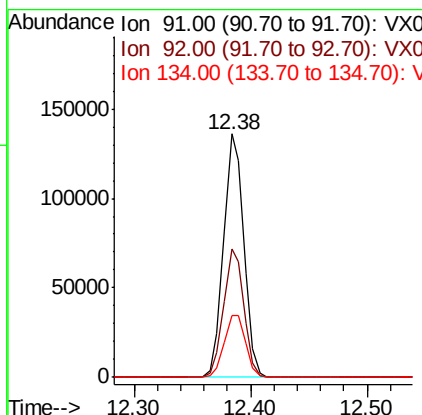
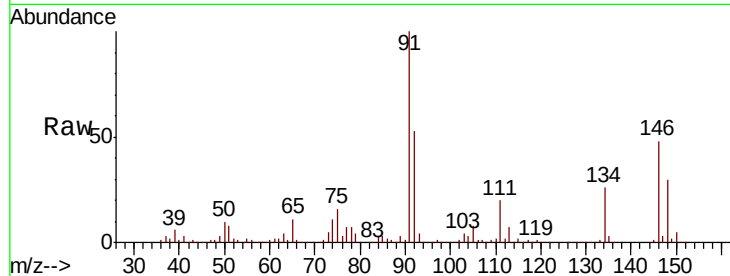




#89
n-Butylbenzene
Concen: 17.094 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

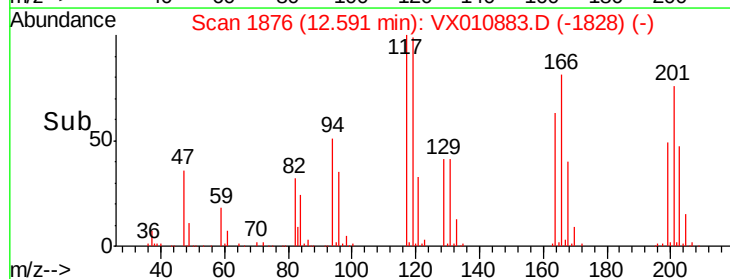
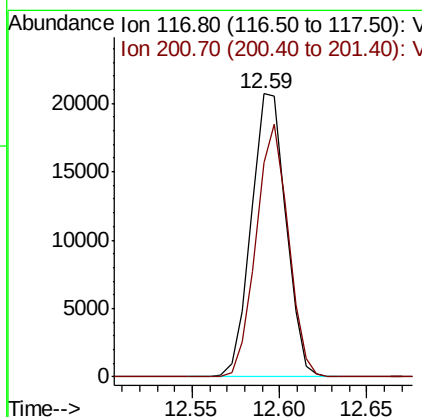
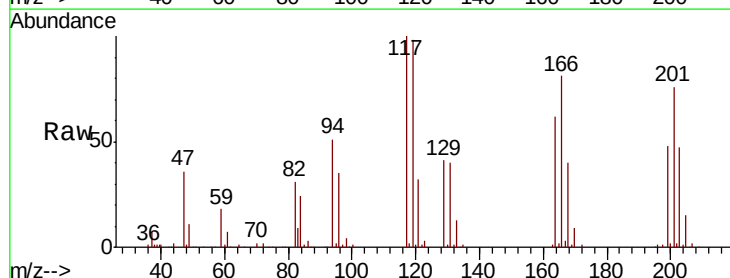
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS02

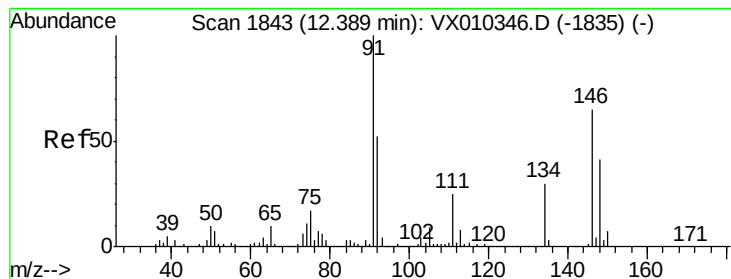
Tot Ion: 91 Resp: 163518
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.5
134 27.1 14.1 42.4



#90
Hexachloroethane
Concen: 14.675 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010883.D
Acq: 15 Jul 2019 14:41

Tgt Ion: 117 Resp: 28566
Ion Ratio Lower Upper
117 100
201 83.0 44.0 131.8





#91

1,2-Dichlorobenzene

Concen: 16.893 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS02

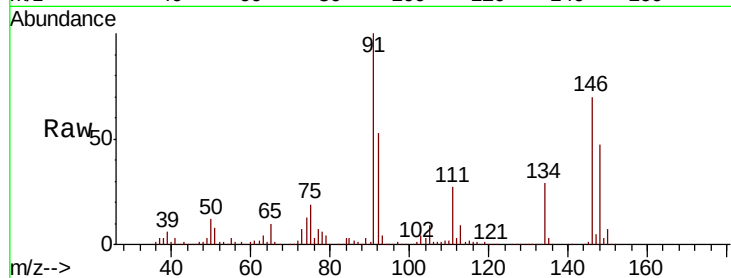
Tot Ion:146 Resp: 102518

Ion Ratio Lower Upper

146 100

111 39.4 19.2 57.6

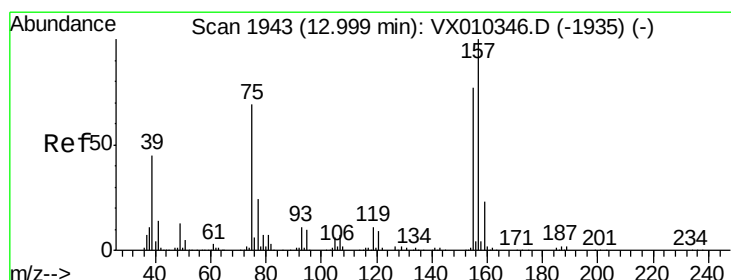
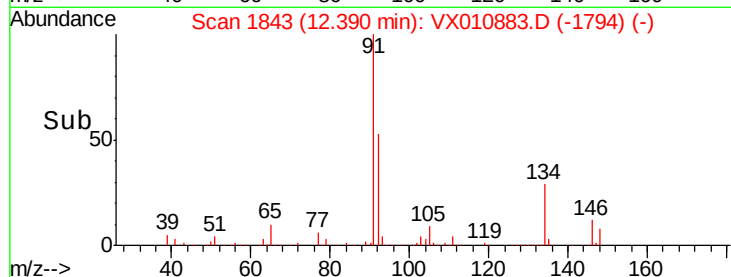
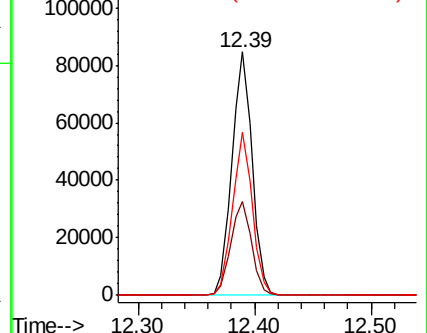
148 65.5 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.675 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

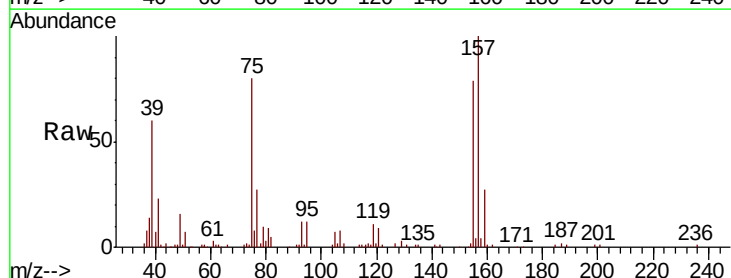
Tgt Ion: 75 Resp: 14916

Ion Ratio Lower Upper

75 100

155 95.3 54.4 163.1

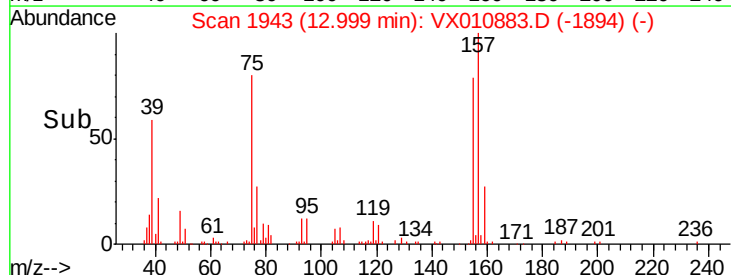
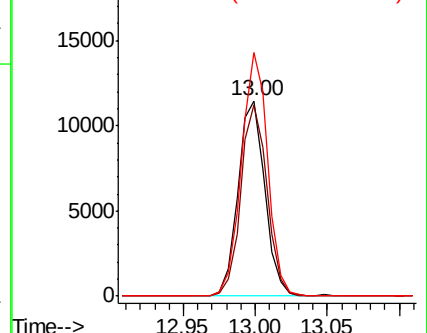
157 121.5 69.5 208.3

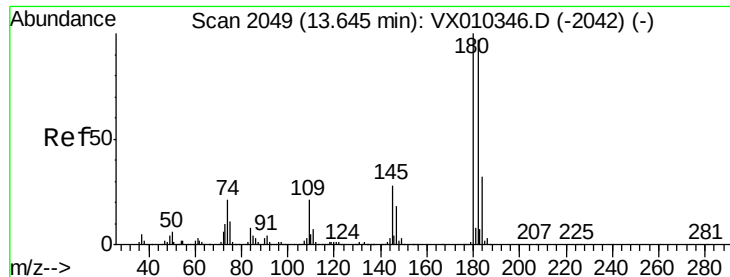


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

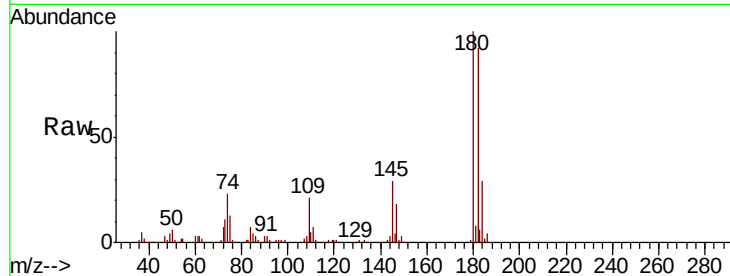




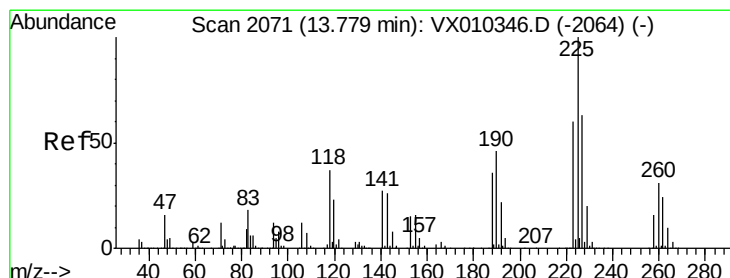
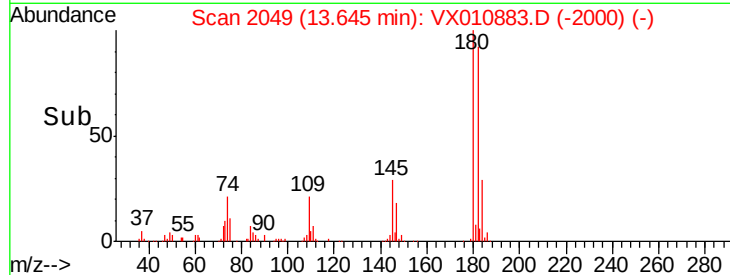
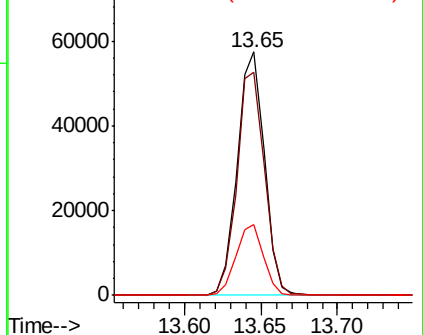
#93
 1,2,4-Trichlorobenzene
 Concen: 16.767 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010883.D
 Acq: 15 Jul 2019 14:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS02

Tot Ion:180 Resp: 70563
 Ion Ratio Lower Upper
 180 100
 182 93.6 48.0 144.0
 145 29.5 14.4 43.4

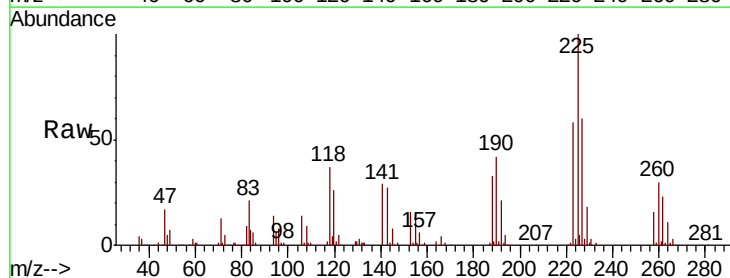


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

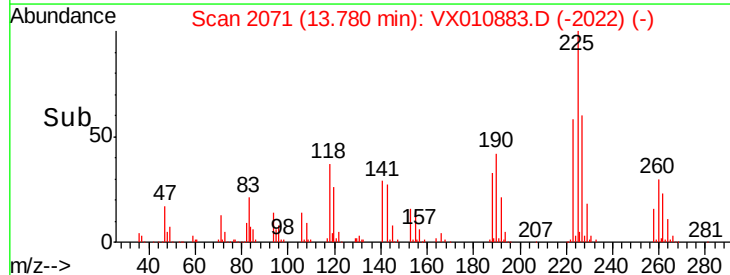
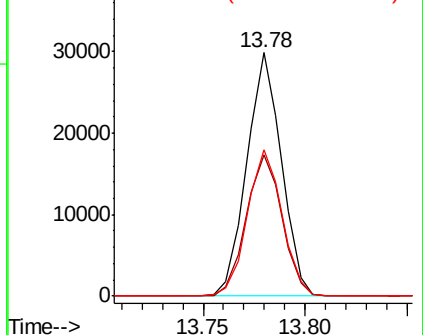


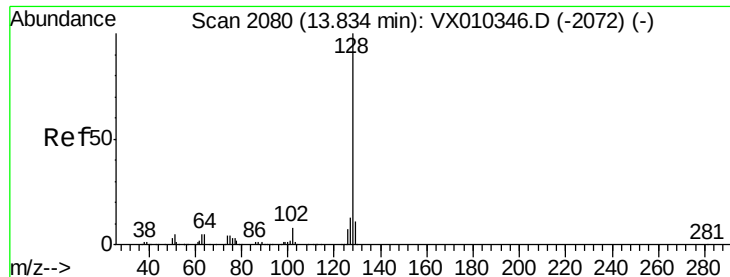
#94
 Hexachlorobutadiene
 Concen: 17.139 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010883.D
 Acq: 15 Jul 2019 14:41

Tgt Ion:225 Resp: 35252
 Ion Ratio Lower Upper
 225 100
 223 59.9 30.9 92.7
 227 60.4 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.597 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS02

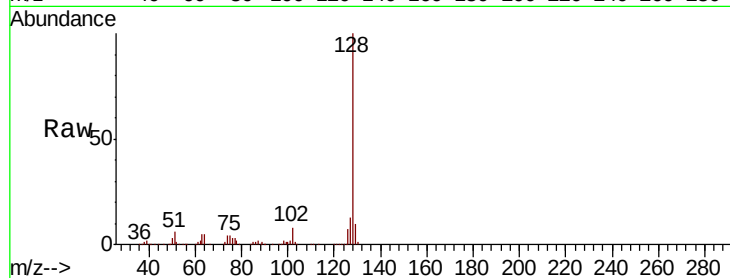
Tot Ion:128 Resp: 214645

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

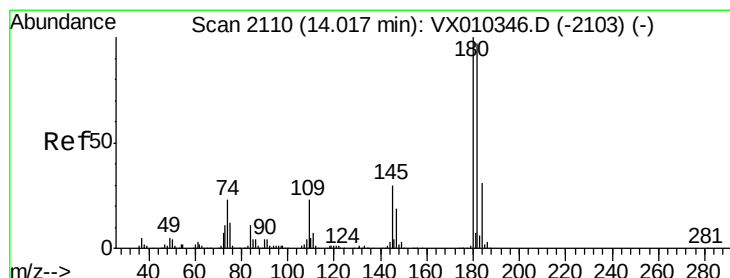
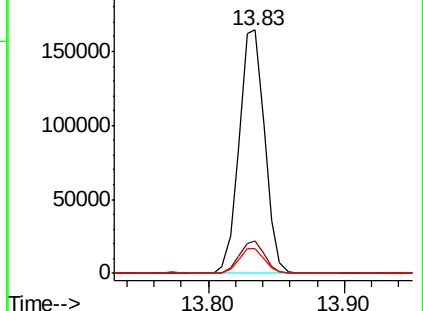
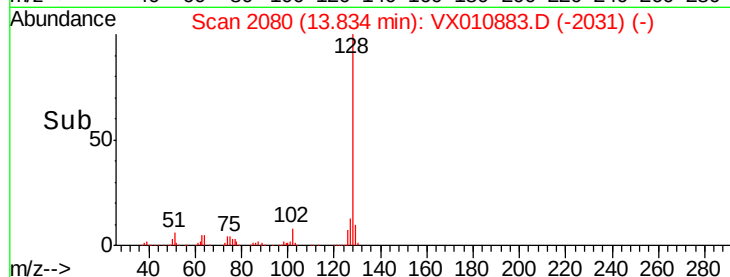
129 10.5 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.865 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010883.D

Acq: 15 Jul 2019 14:41

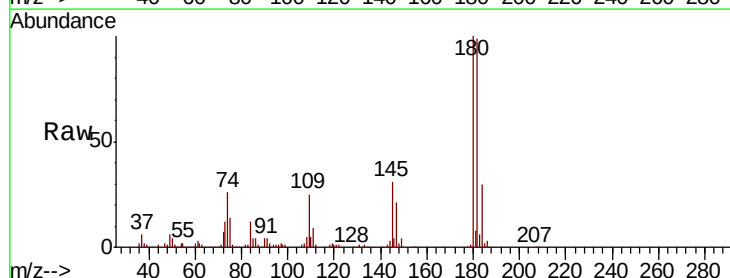
Tgt Ion:180 Resp: 70568

Ion Ratio Lower Upper

180 100

182 95.3 47.8 143.3

145 31.1 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

